TREASURY DEPARTMENT.—PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE

# PUBLIC HEALTH REPORTS

Published in accordance with act of Congress approved February 15, 1893

VOL. XXIV MAY 14, 1909 No. 20

WASHINGTON
GOVERNMENT PRINTING OFFICE
1909

## NOTICE.

Any person on the mailing list of the PUBLIC HEALTH REPORTS who at any time fails to receive promptly this publication will confer a favor by notifying the Surgeon-General of the Public Health and Marine-Hospital Service.

# CONTENTS.


Page.

Regulations for the sale of viruses, serums, toxins, and analogous products.... 629

UNITED STATES.

Reports from San Francisco, Cal.—Plague-prevention work at San Francisco, Oakland, and Point Richmond, and in Alameda and Contra Costa counties, Cal.... 634
Report from Seattle, Wash.—Plague-prevention work.... 635
Statistical reports of morbidity and mortality, States and cities of the United States, untabulated.... 636
Smallpox in the United States.... 637
Weekly morbidity and mortality table, cities of the United States.... 646

FOREIGN AND INSULAR.

Current quarantine measures.... 649
Algeria: Deratization at Algiers and other localities.... 649
Barbados: Report from Bridgetown—Inspection and fumigation of vessels—Status of yellow fever.... 650
China:
Report from Amoy—Leprosy and smallpox.... 650
Reports from Hongkong—Quarantine restrictions—Plague and smallpox—Examination of emigrants—Inspection of vessels.... 650
Reports from Shanghai—Inspection of vessels—Examination of emigrants—Plague-infected rats; new foci of infection—Precautions against infection of vessels by rats—Smallpox at Hankau.... 650
Costa Rica: Report from Limon, fruit port.... 652
Cuba:
Report from Cienfuegos—Inspection of vessels.... 652
Report from Habana—Inspection and fumigation of vessels—Sanitary conditions.... 652
Report from Matanzas—Inspection and fumigation of vessels—Sanitary inspectors appointed.... 653
Report from Santiago—Inspection of vessels—Leprosy.... 653
Ecuador: Report from Guayaquil—Inspection of vessels—Plague and yellow fever.... 653
Germany: Report from Berlin—Status of cholera in Russia.... 653
Guatemala: Report from Puerto Barrios, fruit port—Water containers—*Stegomyia*.... 653
Hawaii: Reports from Honolulu—Examination of rats for plague infection.... 654
Honduras:
Report from Ceiba, fruit port.... 655
Report from Puerto Cortez, fruit port.... 655
Report from Tela, fruit port.... 655

Page.

India: Report from Calcutta—Transactions of service—Cholera, plague, and smallpox—Plague in India and Bengal ..... 656
Italy: Report from Naples—Inspection of vessels—Examination of emigrants—Smallpox in Naples—Status of smallpox in Italy ..... 656
Japan:
Report from Yokohama—Examination of emigrants ..... 657
Report from Kobe—Inspection of vessels—Examination of emigrants—Plague in vicinity of Kobe—Care of lepers ..... 657
Mexico:
Report from Coatzacoalcos—Inspection of vessels ..... 658
Report from Mexico City—Yellow fever in vicinity of Merida and Maxcanu. 658
Report from Tampico—Inspection of vessels—Smallpox along the intercoastal canal—Sanitary work—Sewerage and water-supply system ..... 658
Report from Veracruz—Smallpox—Antimosquito work—Smallpox and typhus fever in Mexico City ..... 659
Nicaragua: Report from Bluefields, fruit port—*Stegomyia* ..... 659
Philippine Islands: Report from Manila—Smallpox—Status of cholera in the provinces—Recrudescence of cholera in Bohol and Negros Occidental—Examination of cholera carriers—Inspection of vessels ..... 659
Russia: Report from Libau—Status of cholera in St. Petersburg—Typhus fever—Plague case previously reported—Examination of emigrants ..... 660
St. Lucia Island: Reports from Castries—Sanitary conditions—Sanitary inspection ..... 660
Foreign and insular statistical reports of countries and cities, untabulated .... 661
Cholera, yellow fever, plague, and smallpox tables ..... 663
Weekly mortality table, foreign and insular cities ..... 669

# PUBLIC HEALTH REPORTS.

## Regulations for the Sale of Viruses, Serums, Toxins, and Analogous Products.

Treasury Department.
*Washington, D. C., May 11, 1909.*

The following regulations have been prepared by the undersigned board of officers in accordance with the provisions of section 4 of an act of Congress approved July 1, 1902, entitled "An act to regulate the sale of viruses, serums, toxins, and analogous products in the District of Columbia, to regulate interstate traffic in said articles, and for other purposes;" they are hereby promulgated and will supersede the regulations issued February 21, 1903, and amendments thereto.

G. H. Torney,
*Surgeon-General, U. S. Army.*
P. M. Rixey,
*Surgeon-General, U. S. Navy.*
Walter Wyman,
*Surgeon-General, Public Health and Marine-Hospital Service.*

Approved:
Franklin MacVeagh,
*Secretary of the Treasury.*

### ISSUE OF LICENSES.

1. Licenses shall be issued, suspended, and revoked by the Secretary of the Treasury, upon the recommendation of the Surgeon-General of the Public Health and Marine-Hospital Service.

2. Licenses shall be issued only after inspection of establishments and examination of the products for which license is desired.

3. When an establishment shall have been inspected and the products propagated therein examined in accordance with these regulations, the report of inspection and laboratory examination shall be passed upon by the sanitary board of the Public Health and Marine-Hospital Service. The said board shall present its findings to the Surgeon-General of the Public Health and Marine-Hospital Service who shall review and forward same, together with his recommendations, to the Secretary of the Treasury for action.

4. The following form of license is prescribed:

LICENSE.

....., 190

This is to certify that....., of....., State of ....., have complied with the terms of "An act to regulate the sale of viruses, serums, toxins, and analogous products in the District of Columbia, to regulate interstate traffic in said articles, and for other purposes;" that the establishment of the said ..... has been duly inspected in accordance with regulations made under the terms of the said act, and that the said..... are hereby authorized to engage in the manufacture, barter, and sale of.....for one year from this date, or until reinspection.

This license is issued in accordance with the regulations prepared under the above-mentioned act, and is subject to suspension or revocation when due cause therefor is shown.

[L. S.]

.....
*Secretary of the Treasury.*

5. Licenses shall be good for one year from the date of issue (or until reinspection), and will not be reissued without such reinspection and laboratory examination; the report of inspection and laboratory examination to be passed upon by the sanitary board and the Surgeon-General of the Public Health and Marine-Hospital Service, in accordance with the provisions of paragraph 3. Inspections shall be made at least once a year.

INSPECTION OF ESTABLISHMENTS.

6. The inspection shall be made by an inspector or a board of inspectors detailed by the Secretary of the Treasury upon the recommendation of the Surgeon-General of the Public Health and Marine-Hospital Service.

7. The inspectors shall be commissioned medical officers of the Public Health and Marine-Hospital Service or chiefs of division of the hygienic laboratory of the same service.

8. The visit of the inspectors shall be unannounced.

9. It shall be the duty of the inspectors to call first upon the head of the establishment or member of the firm, stating the object of their visit.

10. The inspectors shall examine all portions of the premises, appliances, stables, barns, warehouses, records, and the methods employed in actual operation.

11. The inspectors are authorized, when they consider it necessary, to interrogate the proprietor, members of the firm, and employees of the establishment under oath.

12. The inspectors shall investigate fully the methods of preparation, storing, dispensing, and other details in the manufacture and sale of serums, viruses, toxins, and analogous products.

13. The inspectors shall carefully examine into faulty construction or administration of establishments which would tend to impair the potency or purity of their products, and shall, if of sufficient importance, make special report regarding the same.

14. It shall be the duty of the inspectors to purchase in open market or, if they deem it advisable, themselves to obtain in the establishment samples of the products then manufactured, which samples shall be examined by the inspectors for purity and potency or forwarded to the director of the hygienic laboratory for such examination.

15. It shall be the duty of the director of the hygienic laboratory of the Public Health and Marine-Hospital Service to test samples sent him by inspectors for purity and potency, and the result of this examination shall be given to the inspectors, who shall give this report due weight in making their recommendations.

EXAMINATIONS OF VIRUSES, SERUMS, TOXINS, ETC.

16. The terms "virus, serum, toxin, and analogous products" shall include the following products and such others as may be designated by the Secretary of the Treasury from time to time: Antidiphtheric serum or diphtheria antitoxin, antitetanic serum or tetanus antitoxin, antistreptococcic serum, antistaphylococcic serum, antigonococcic serum, antipneumococcic serum or antipneumonic serum, antidysenteric serum, antituberculous serum, antipest serum, anticholera serum, streptolytic and pneumolytic serum, antimeningococcic serum, antiplague serum, erysipelas and prodigiosus toxins, tuberculins, emulsion tubercle bacilli, suspension of lactic acid bacilli, antityphoid serum, bacterial vaccines, normal horse serum, and vaccine virus.

17. Viruses, serums, toxins, and analogous products propagated in licensed establishments and offered for sale in the District of Columbia, or in interstate traffic, shall be obtained from time to time in the open market and examined under the direction of the Surgeon-General of the Public Health and Marine-Hospital Service as to purity and potency and as to whether said products are properly labeled, as required by section one of the law.

18. Viruses, serums, toxins, and analogous products propagated in licensed establishments and imported from abroad will be detained by customs officers at ports of entry, pending examination by officers of the Public Health and Marine-Hospital Service as to purity and potency and as to whether said products are properly labeled as required by section 1 of the law.

19. Samples of the same laboratory numbers shall accompany each foreign importation of viruses, serums, toxins, and analogous products, and said samples will be forwarded by collectors of customs to the Surgeon-General of the Public Health and Marine-Hospital Service at Washington for examination.

20. Viruses, serums, toxins, and analogous products imported from foreign countries will be refused entry by collectors of customs unless propagated in an establishment holding an unsuspended and unrevoked license, or intended for examination precedent to obtaining a license.

21. The immunity unit for measuring the strength of diphtheria antitoxin shall be that established and distributed by the Public Health and Marine-Hospital Service.

22. The immunity unit for measuring the strength of tetanus antitoxin shall be ten times the least quantity of antitetanic serum necessary to save the life of a 350-gram guinea pig for ninety-six hours against the official test dose of a standard toxin furnished by the Hygienic Laboratory of the Public Health and Marine-Hospital Service.

23. Manufacturers placing on the market serums concentrated by Gibson's method or by any other method, or mixed serums made by

mixing concentrated serum with ordinary antitoxic serum, shall be required to so label them.

24. Preliminary to taking vaccine material from vaccinated animals, said animals should be killed or otherwise rendered insensible to pain.

25. As soon as practicable after taking the vaccine virus, a necropsy shall be made upon each animal, and permanent records kept of each necropsy, in which particular reference shall be made of pathologic changes.

26. All vaccine material from any animal having a communicable disease, other than vaccinia, or suspected of having a communicable disease, shall be destroyed.

27. The practice of renting animals for the purpose of propagating vaccine virus and returning the animals to the market shall be discontinued.

28. Animals used for propagating vaccine virus must be under daily veterinary inspection for not less than seven days immediately before they are vaccinated. Only healthy animals free from communicable disease shall be used for this purpose.

29. The propagation and sale in interstate traffic of old-style dry "lymph" vaccine points shall be discontinued after January 1, 1910.

30. Each and every lot of vaccine virus shall be examined to determine its freedom from pathogenic micro-organisms, and a special examination must be made of each and every lot to determine the absence of tetanus; detailed and permanent records of these examinations shall be kept by the establishment propagating said virus.

31. Containers, grinding and mixing machines, filling apparatus, instruments, etc., that come in contact with vaccine material during the process of manufacture and preparation for the market, shall be sterilized before use by steam under pressure at a temperature of at least 120° C. for not less than thirty minutes, or subjected to dry heat at a temperature of at least 160° C. for not less than one hour. Materials that will not stand this degree of dry heat shall be sterilized by a process known to be capable of destroying tetanus spores.

32. Refuse, wastes, excelsior, packing materials such as hay, straw, cotton, etc., crude materials and goods of miscellaneous origin and unknown history shall not be stored or permitted in or about vaccination stables or where the animals used for propagating vaccine virus are kept.

SUSPENSION AND REVOCATION.

33. When faulty methods of preparation, faulty construction, or administration of establishments are observed during inspection, the inspector shall bring the same to the attention of the manufacturer, and shall forward a report of the conditions found, together with his recommendations, to the Surgeon-General.

34. When impurities or lack of potency of products, or improper labeling of same shall be demonstrated by laboratory examination, these facts shall be reported to the Surgeon-General.

35. Should the faulty conditions discovered during inspection or laboratory examination be found upon review by the sanitary board

and the Surgeon-General to be of sufficient importance, the Surgeon-General shall recommend to the Secretary of the Treasury that the license of the offending establishment be suspended. If the said faulty conditions are not corrected within sixty days after suspension, he shall recommend that the said license be revoked.

36. The facts of suspension and revocation of licenses, with causes therefor, may be published in a circular to be issued and signed by the Secretary of the Treasury.

The above are revised regulations embodying amendments and additions that have been made from time to time to the first regulations issued February 21, 1903. In the revision new provisions have been made relating to administrative details, including particularly paragraphs relating to further safeguards in the propagation and sale of vaccine virus and a closer supervision over the importation of the same.

Recent investigations have demonstrated that foot-and-mouth disease may be transmitted to animals through vaccine virus, but whether the disease may be transmitted to man through this agency is doubtful, no case of such transmission being known. The investigations referred to were made by this service in cooperation with the Bureau of Animal Industry following an outbreak of this disease last November, and the results are published in Bulletin No. 147 of that bureau. The vaccine virus of two establishments was found to be contaminated and necessary measures were immediately taken. All possibly infected virus of these two firms was recalled from the market, destroyed, or held under government seal. In addition all necessary measures were taken to eradicate the infection from the establishments themselves. Until these requirements had been fulfilled, as was ascertained by three special inspections of each establishment and the examination of their stock vaccines, the license of one firm, which had expired, was not renewed, and the license of the other was suspended, both in accordance with the act of July 1, 1902. The licenses were renewed April 15.

All other licensed establishments were specially inspected and their vaccine virus was examined and found to be free from infection.

The subject was brought before the advisory board of the Hygienic Laboratory for its consideration and advice. The infection, in all probability, came from abroad, thus indicating the necessity of additional regulations relating to foreign importations.

# UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

*Reports from San Francisco, Cal.—Plague-prevention work at San Francisco, Oakland, and Point Richmond, and in Alameda and Contra Costa counties, Cal.*

## Passed Assistant Surgeon Blue reports:

### SAN FRANCISCO, CAL.

Date of last case of human plague: Sickened, January 30, 1908.
Date of last case of rodent plague: October 23, 1908.

*Week ended May 1, 1909.*

| | |
|---|---|
| Sick inspected | 6 |
| Plague | 0 |
| Dead inspected | 113 |
| Plague | 0 |
| Necropsy held | 1 |
| Premises inspected | 2,442 |
| Houses disinfected | 75 |
| Nuisances abated | 339 |
| Rats found dead | 83 |
| Rats trapped | 2,325 |
| Total rats taken | 2,408 |
| Rats identified: | |
| Mus norvegicus | 1,699 |
| Mus rattus | 77 |
| Mus musculus | 568 |
| Mus alexandrinus | 26 |
| Total | 2,370 |
| Rats identified as to sex: | |
| Male | 848 |
| Female | 901 |
| Total | 1,749 |
| Ground squirrels trapped | 5 |
| Gophers trapped | 11 |
| Rats examined bacteriologically | 1,595 |
| Plague rats | 0 |
| Ground squirrels examined bacteriologically | 5 |
| Plague ground squirrels | 0 |
| Gophers examined bacteriologically | 11 |
| Plague gophers | 0 |
| Poisons placed | 15,497 |

### OAKLAND, CAL.

Date of last case of human plague: Sickened, July 17, 1908.
Date of last case of rodent plague: Trapped, December 1, 1908.

*Week ended April 24, 1909.*

| | |
|---|---|
| Dead inspected | 29 |
| Plague | 0 |
| Necropsy held | 1 |
| Premises inspected | 1,270 |
| Nuisances abated | 184 |

| | |
|---|---|
| Premises cleaned | 256 |
| Garbage cans installed | 174 |
| Rats found dead | 38 |
| Rats trapped | 600 |
| Mice trapped | 56 |
| Rats identified | 694 |
| Mus norvegicus | 625 |
| Mus rattus | 7 |
| Mus musculus | 56 |
| Mus alexandrinus | 6 |
| Gophers trapped | 1 |
| Gophers examined bacteriologically | 1 |
| Plague gophers | 0 |
| Rats examined bacteriologically | 629 |
| Plague rats | 0 |
| Mice examined bacteriologically | 56 |
| Plague mice | 0 |
| Poisons placed | 34,750 |

POINT RICHMOND, CAL.

*Week ended April 24.*

| | |
|---|---|
| Premises inspected | 490 |
| Nuisances abated | 35 |
| Rats found dead | 14 |
| Rats trapped | 19 |
| Mice trapped | 1 |
| Rats examined bacteriologically | 19 |
| Plague rats | 0 |
| Mice examined bacteriologically | 1 |
| Plague mice | 0 |
| Poisons placed | 7,000 |

ALAMEDA COUNTY, CAL.

*Week ended April 24.*

| | |
|---|---|
| Dead inspected | 47 |
| Plague | 0 |
| Necropsy held | 1 |

CONTRA COSTA COUNTY, CAL.

*Week ended April 24.*

| | |
|---|---|
| Sick inspected | 1 |
| Plague | 0 |
| Ground squirrels shot | 33 |
| Ground squirrels examined bacteriologically | 33 |
| Plague squirrels | 0 |
| Ranches inspected | 29 |
| Ranches found free of ground squirrels | 15 |

## *Report from Seattle, Wash.—Plague-prevention work.*

### Passed Assistant Surgeon Glover reports, April 26:

SEATTLE, WASH.

Date of finding of last plague rat, September 26, 1908.

*Week ended April 24, 1909.*

| | |
|---|---|
| Rats received | 971 |
| Rats necropsied | 971 |
| Plague rats found | 0 |
| Plague-infected rats to date | 21 |

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES—UNTABULATED.

CALIFORNIA.—Month of March, 1909. Estimated population, 2,037,929. Total number of deaths reported to the state board of health, 2,797, corresponding to an annual death rate of 16.2 per 1,000 of population, including diphtheria 23, enteric fever 30, measles 26, scarlet fever 6, whooping cough 18, smallpox 1, and 475 from tuberculosis.

*Sacramento.*—Month of March, 1909. Estimated population, 55,000. Total number of deaths, 61, including enteric fever 3, and 7 from tuberculosis. Cases: Diphtheria 2, measles 2, scarlet fever 1, enteric fever 5, whooping cough 2, smallpox 2.

FLORIDA.—Report from the state board of health of communicable diseases for the week ended May 1, 1909, shows as follows: Diphtheria—*Tampa* 4, *Jacksonville, Ocala, St. Augustine, Waldo,* and *Tallahassee,* each 1 case. Malaria—*Tampa* 24, *Jacksonville* 8, *Mount Dora* 4, *Arcadia, Bartow, Brooksville, Clearwater, Crescent City, Gainesville, Quincy,* and *Ybor City,* each 1 case. Tuberculosis—*Bushnell* 1, *Jacksonville* 2, and *Tampa* 3. Enteric fever—*Center Hill* 1.

IOWA—*Cedar Rapids.*—Month of April, 1909. Estimated population, 35,000. Total number of deaths, 27, including 3 from tuberculosis. Cases: Smallpox 2, measles 2, scarlet fever 10, and diphtheria 1.

MASSACHUSETTS—*Newton.*—Month of April, 1909. Estimated population, 38,919. Total number of deaths, 39, including diphtheria 1, measles 1, and 2 from pulmonary tuberculosis. Cases: Diphtheria 12, scarlet fever 13, enteric fever 3, measles 112, and pulmonary tuberculosis 3.

MINNESOTA—*St. Paul.*—Month of October, 1908. Estimated population, 230,000. Total number of deaths reported to the department of health, 151, including diphtheria 1, enteric fever 4, scarlet fever 1, whooping cough 3, and 16 from tuberculosis. Cases: Diphtheria 86, scarlet fever 31, smallpox 3, and measles 4.

MONTANA.—Month of March, 1909. Estimated population, 280,000. Reports to the state board of health show as follows: Total number of deaths, 391, including diphtheria 10, enteric fever 6, scarlet fever 19, smallpox 2, measles 1, and 40 from tuberculosis. Cases: Diphtheria 92, enteric fever 12, measles 220, scarlet fever 252, and smallpox 55.

NEW JERSEY.—Reports to the state board of health for the month of April, 1909, show a total of 3,333 deaths, including diphtheria 59, enteric fever 27, measles 32, scarlet fever 45, whooping cough 30, and 415 from tuberculosis.

*Montclair.*—Annual report for the year 1908. Total number of deaths, 234, corresponding to an annual death rate of 10.55 per 1,000

of population, which is estimated at 17,815. The deaths from contagious diseases were: Enteric fever 1, measles 1, scarlet fever 1, and 23 from tuberculosis. Cases: Enteric fever 21, diphtheria 18, scarlet fever 57, and tuberculosis 26.

PENNSYLVANIA—*Altoona.*—Month of April, 1909. Estimated population, 60,000. Total number of deaths, 59, including 8 from tuberculosis. Cases: Diphtheria 3, scarlet fever 12, and enteric fever 1.

*South Bethlehem.*—Month of April, 1909. Estimated population, 15,000. Total number of deaths, 29, including whooping cough 1, and 2 from tuberculosis. Cases: Enteric fever 5, scarlet fever 6, whooping cough 3, measles 35, and tuberculosis 5.

SOUTH CAROLINA—*Charleston.*—Annual report for the year 1908. Estimated population 57,593 (white 27,925, colored 29,668). Total number of deaths 1,416 (white 403, colored 1,013), including enteric fever 27, whooping cough 7, diphtheria 1, pellagra 5, and 202 from tuberculosis. Cases: Diphtheria 56, scarlet fever 10, and enteric fever 190. Annual death rate per 1,000: White 14.04, colored 34.01; total white and colored 24.05.

UTAH.—Month of March, 1909. Reports to the state board of health from 27 counties, having an estimated population of 346,873, show as follows: Total number of deaths, 432, including diphtheria 10, whooping cough 6, scarlet fever 5, and 12 from tuberculosis. Cases: Diphtheria 68, enteric fever 16, measles 38, scarlet fever 167, smallpox 136, whooping cough 317, and tuberculosis 17 (incomplete).

*Smallpox in the United States as reported to the Surgeon-General, Public Health an Marine-Hospital Service, December 26, 1908, to May 14, 1909.*

For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Alabama: | | | | |
| Autauga County | Feb. 27–Apr. 5 | 11 | | |
| Prattville | Feb. 27–Apr. 5 | 3 | | |
| Dallas County | Feb. 20–Apr. 12 | 12 | | |
| Selma | Feb. 28–Apr. 12 | 26 | | |
| Jefferson County—Birmingham | Mar. 1–31 | 10 | | |
| Mobile County—Mobile | Jan. 12–Apr. 17 | 8 | | |
| Montgomery County—Montgomery | Mar. 13–Apr. 2 | | 2 | |
| Tuscaloosa County | | | | 86 cases year 1908. |
| Total for State | | 70 | 2 | |
| Arkansas: | | | | |
| Allbrook | Jan. 1–Mar. 25 | 40 | | |
| Bethel | Jan. 25 | 3 | | |
| Jonesboro | Jan. 20–Mar. 1 | 20 | | |
| Little Rock | Dec. 15–Jan. 2 | 23 | | |
| Magnolia | Jan. 5–13 | 25 | | |
| Paragould | Feb. 1–Mar. 9 | 27 | | |
| Texarkana | Nov. 26–Jan. 11 | 10 | | |
| Total for State | | 148 | | |

*Smallpox in the United States, etc.*—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| California, general | Nov. 1–Mar. 31 | | 5 | |
| Berkeley | Apr. 18–24 | 1 | | |
| Los Angeles | Dec. 6–Apr. 3 | 19 | 1 | |
| Oakland | Nov. 1–Apr. 26 | 18 | | |
| Sacramento | Nov. 1–Apr. 24 | 55 | | |
| San Francisco | Dec. 13–Apr. 10 | 31 | | |
| Stockton | Nov. 1–30 | 12 | | |
| Total for State | | 136 | 6 | |
| Colorado, general | July 1–Feb. 23 | 109 | | |
| District of Columbia: | | | | |
| Washington | Dec. 28–Apr. 17 | 11 | | |
| Total for District | | 11 | | |
| Georgia: | | | | |
| Bibb County— | | | | |
| Macon | Mar. 14–May 2 | 25 | | |
| Cobb County | Jan. 16–Feb. 7 | 8 | | |
| Paulding County | Jan. 16–Feb. 7 | 15 | | |
| Total for State | | 48 | | |
| Illinois: | | | | |
| Alexander County— | | | | |
| Cairo | Jan. 7–Mar. 31 | 233 | | |
| Delta | Feb. 1–28 | 40 | | |
| Fayville | Feb. 1–28 | | | Present. |
| Thebes | Jan. 1–Feb. 28 | 6 | | |
| Bureau County— | | | | |
| Ladd | Nov. 1–30 | 4 | | |
| Carroll County— | | | | |
| Savanna | Feb. 1–Mar. 31 | 3 | | |
| Cass County | Feb. 1–Mar. 31 | 4 | | |
| Champaign County | Mar. 1–31 | 1 | | |
| Christian County— | | | | |
| Edinburg | Feb. 1–Mar. 28 | 27 | | |
| Taylorville | Aug. 1–Mar. 31 | 55 | | |
| Clinton County— | | | | |
| Boulder | Feb. 1–28 | 1 | | |
| Carlyle | Jan. 1–31 | 1 | | |
| Coles County— | | | | |
| Charleston | Jan. 1–30 | 1 | | |
| Cook County— | | | | |
| Chicago | Jan. 3–Apr. 3 | 10 | | |
| Fayette County | Mar. 1–31 | 3 | | |
| Franklin County— | | | | |
| West Frankfort | Dec. 12–Feb. 13 | 15 | | |
| Fulton County— | | | | |
| Canton | Jan. 1–Feb. 28 | 55 | | |
| Cuba | Jan. 1–31 | 1 | | |
| Farmington | Mar. 1–31 | 25 | | |
| Lewiston | Jan. 1–Mar. 31 | 26 | | |
| Norris | Feb. 1–Mar. 31 | 19 | | |
| Jackson County | Feb. 1–21 | 2 | | |
| Murphysboro | Jan. 1–Mar. 31 | 70 | 1 | |
| Jasper County | Jan. 1–31 | | | Present in Smallwood and South Muddy townships. |
| Newton | Jan. 1–31 | 1 | | |
| Jo Daviess County— | | | | |
| Galena | Jan. 1–31 | 3 | | |
| Kane County— | | | | |
| St. Charles | Jan. 1–Mar. 31 | 2 | | |
| Kankakee County— | | | | |
| Grant Park | Jan. 1–31 | 1 | | |
| Knox County— | | | | |
| Galesburg | Feb. 14–May 1 | 9 | | |
| Lake County | Mar. 1–31 | 1 | | |
| Waukegan | Feb. 2–26 | 3 | | |
| Livingston County | Feb. 1–28 | 3 | | |
| McLean County— | | | | |
| Bloomington | Jan. 1–Mar. 31 | 14 | | |
| Macon County | Feb. 1–Mar. 31 | 7 | | |
| Decatur | Jan. 1–Mar. 31 | 20 | | |
| Macoupin County | | 21 | | |
| Benld | Feb. 15–18 | 2 | | |
| Palmyra | Dec. 25–Jan. 20 | 4 | | |
| Scottsville | Dec. 25–Jan. 20 | 12 | | |
| Madison County— | | | | |
| Alton | Mar. 1–31 | 1 | | |

*Smallpox in the United States, etc.*—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Illinois—Continued. | | | | |
| Marion County— | | | | |
| Centralia | July 1-Jan. 20 | 53 | | |
| Kinmundy | Mar. 1-31 | 2 | | And vicinity. |
| Odin | Jan. 1-31 | 1 | | |
| Sandoval | Jan. 1-Mar. 31 | 3 | | |
| Mason County | Jan. 1-Mar. 31 | 12 | | Present in Bath, Havana, and Quiver townships. |
| Massac County— | | | | |
| Metropolis | Jan. 1-Mar. 31 | 6 | | |
| Mercer County | Jan. 1-31 | 1 | | In North Henderson township. |
| Montgomery County | Jan. 1-31 | 8 | | Present in Farmersville and in Bois d'Arc and Pitman townships. |
| Morgan County— | | | | |
| Jacksonville | Feb. 5-11 | 1 | | |
| Peoria County— | | | | |
| Elmwood | Mar. 1-31 | 2 | | |
| Peoria | Dec. 20-Apr. 3 | 43 | | Present in Glasford and in Timber and Trivoli townships. |
| Pope County— | | | | |
| Eddyville | Feb. 1-28 | | | Present in vicinity. |
| Pulaski County | Jan. 1-31 | | | Present in Pulaski. |
| Mounds | Jan. 1-Mar. 31 | 18 | | |
| Mound City | Jan. 1-31 | 7 | | Feb. 28, still present. |
| Randolph County— | | | | |
| Percy | Jan. 1-Mar. 31 | 40 | | |
| Preston | Mar. 1-31 | 6 | | |
| St. Clair County | Feb. 1-Mar. 31 | 16 | | |
| Belleville | Dec. 4-Feb. 28 | 15 | | |
| Mascoutah | Jan. 1-31 | 1 | | |
| Millstadt | Jan. 1-Feb. 28 | 2 | | |
| Saline County— | | | | |
| Eldorado | Jan. 1-Feb. 28 | 4 | | |
| Harrisburg | Mar. 1-31 | 8 | | |
| Sangamon County— | | | | |
| Pawnee | Jan. 1-31 | 2 | | |
| Springfield | Mar. 20-Apr. 30 | 17 | | |
| Schuyler County— | | | | |
| Browning | Oct. 12-Jan. 20 | 75 | | |
| Stevenson County— | | | | |
| Freeport | Feb. 1-28 | 9 | | |
| Tazewell County | Jan. 1-Mar. 31 | | | Present in Elm Grove, Green Valley, and Groveland townships. |
| Pekin | Jan. 1-Mar. 31 | 53 | | |
| Washington | Mar. 1-31 | 1 | | |
| Vermilion County— | | | | |
| Danville | Jan. 11-May 2 | 59 | | |
| Rankin | Feb. 1-28 | 1 | | |
| Williamson County— | | | | |
| Bush | Mar. 1-31 | 6 | | |
| Carterville | Jan. 1-Mar. 31 | 17 | | |
| Johnston City | Jan. 1-31 | 1 | | |
| Marion | Jan. 1-Mar. 31 | 19 | | |
| Woodford County— | | | | |
| Roanoke | Mar. 1-31 | 3 | | |
| Total for State | | 1,218 | 1 | |
| Indiana: | | | | |
| Allen County | Dec. 1-31 | 1 | | |
| Fort Wayne | Jan. 10-Apr. 24 | 7 | | |
| Bartholomew County | Dec. 1-31 | 1 | | |
| Benton County | Nov. 1-Dec. 31 | 4 | | |
| Boone County | Nov. 1-Dec. 31 | 2 | | |
| Carroll County | Oct. 1-31 | 26 | | |
| Clay County | Oct. 1-31 | 8 | | |
| Dearborn County | Oct. 1-31 | 1 | | |
| Delaware County | Dec. 1-31 | 52 | | |
| Muncie | Mar. 27 | 1 | | |
| Elkhart County | Oct. 1-Nov. 30 | 7 | | |
| Elkhart | Jan. 17-Mar. 6 | 8 | | |
| Franklin County | Dec. 1-31 | 1 | | |
| Gibson County | Dec. 1-31 | 1 | | |
| Grant County | Dec. 1-31 | 2 | | |
| Union | Feb. 6 | 5 | | |
| Hamilton County | Dec. 1-31 | 1 | | |
| Harrison County | Dec. 1-31 | 1 | | |
| Hendricks County | Nov. 1-Dec. 31 | 5 | | |
| Madison County | Oct. 1-31 | 1 | | |
| Anderson | Dec. 1-31 | 1 | | |

*Smallpox in the United States, etc.*—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Indiana—Continued. | | | | |
| Marion County | Dec. 1-31 | 1 | | |
| Indianapolis | Jan. 18-May 2 | 8 | | |
| Miami County | Dec. 1-31 | 1 | | |
| Rush County | Dec. 1-31 | 24 | | |
| Shelby County | Dec. 1-31 | 1 | | |
| Spencer County | Dec. 1-31 | 1 | | |
| St. Joseph County | Dec. 1-31 | 12 | | |
| South Bend | Mar. 23-May 1 | 6 | | |
| Sullivan County | Oct. 1-31 | 2 | | |
| Tippecanoe County | Oct. 1-Dec. 31 | 77 | | |
| Lafayette | Dec. 15-May 3 | 66 | 1 | |
| Tipton County | Nov. 1-Dec. 31 | 2 | | |
| Vanderburg County— | | | | |
| Evansville | Jan. 10-Feb. 20 | 10 | | |
| Vigo County | Oct. 1-Dec. 31 | 7 | | |
| Wabash County | Nov. 1-Dec. 31 | 4 | | |
| Warren County | Dec. 1-31 | 7 | | |
| Wayne County | Nov. 1-30 | 8 | | |
| Total for State | | 373 | 1 | |
| Iowa, general | July 1-Sept. 30 | | 2 | |
| Burlington | Jan. 1-31 | 1 | | |
| Cedar Rapids | Mar. 1-May 1 | 15 | | |
| Council Bluffs | July 1-May 3 | 34 | 2 | |
| Davenport | Apr. 12-18 | 1 | | |
| Dubuque | Oct. 1-Jan. 31 | 87 | 1 | |
| New Hampton | Feb. 26 | 8 | | |
| Sioux City | Apr. 1-30 | 1 | | |
| Total for State | | 147 | 5 | |
| Kansas: | | | | |
| Allen County | Jan. 1-Mar. 31 | 11 | | |
| Atchison County | Mar. 1-31 | 9 | | |
| Atchison | Dec. 20-Mar. 31 | 6 | | |
| Barton County | Nov. 1-30 | 7 | | |
| Bourbon County | Nov. 1-30 | 1 | | |
| Brown County | Nov. 1-Mar. 31 | 56 | | |
| Butler County | Feb. 1-Mar. 31 | 7 | | |
| Chautauqua County | Feb. 1-Mar. 31 | 19 | | |
| Cherokee County | Jan. 1-Mar. 31 | 30 | | |
| Clark County | Mar. 1-31 | 5 | | |
| Crawford County | Jan. 1-Mar. 31 | 9 | | |
| Pittsburg | Nov. 1-Mar. 31 | 130 | | |
| Decatur County | Jan. 1-Mar. 31 | 12 | | |
| Doniphan County | Mar. 1-31 | 15 | | |
| Douglas County | Mar. 1-31 | 3 | | |
| Finney County | Feb. 1-28 | 2 | | |
| Ford County | Jan. 1-Mar. 31 | 4 | | |
| Franklin County | Dec. 1-Mar. 31 | 4 | | |
| Greenwood | Feb. 1-Mar. 31 | 24 | | |
| Harvey County | Nov. 1-Mar. 31 | 6 | | |
| Jackson County | Nov. 1-Mar. 31 | 106 | | |
| Jefferson County | Dec. 1-Mar. 31 | 23 | | |
| Jewell County | Dec. 1-Mar. 31 | 30 | | |
| Labette County— | | | | |
| Parsons | Jan. 1-Mar. 31 | 11 | | |
| Lane County | Jan. 1-31 | 4 | | |
| Lincoln County | Mar. 1-31 | 1 | | |
| Lyon County | Feb. 1-28 | 8 | | |
| McPherson County | Jan. 1-31 | 1 | | |
| Marion County | Mar. 1-31 | 1 | | |
| Marshall County | Jan. 1-Mar. 31 | 4 | | |
| Mitchell County | Feb. 1-28 | 2 | | |
| Montgomery County | Nov. 1-Mar. 31 | 20 | | |
| Nemaha County | Dec. 1-Feb. 28 | 3 | | |
| Ness County | Mar. 1-31 | 5 | | |
| Osage County | Feb. 1-Mar. 31 | 39 | | |
| Osborne County | Mar. 1-31 | 4 | | |
| Phillips County | Dec. 1-Mar. 31 | 9 | | |
| Pottawatomie County | Nov. 1-Mar. 31 | 70 | | |
| Pratt County | Dec. 1-31 | 20 | | |
| Rawlins County | Mar. 1-31 | 20 | | |
| Reno County | Nov. 1-Jan. 31 | 4 | 1 | |
| Republic County | Mar. 1-31 | 3 | | |
| Riley County | Nov. 1-30 | 2 | | |
| Rooks County | Jan. 1-31 | 3 | | |
| Saline County | Nov. 1-Mar. 31 | 57 | | |
| Sedgwick County | Feb. 1-Mar. 31 | 9 | | |
| Wichita | Mar. 7-May 1 | 15 | | |

*Smallpox in the United States, etc.*—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Kansas—Continued. | | | | |
| Shawnee County | Nov. 1–Mar. 31 | 120 | | |
| Topeka | June 7–Apr. 3 | 128 | | |
| Sheridan County | Dec. 1–Jan. 31 | 11 | | |
| Smith County | Feb. 1–Mar. 31 | 8 | | |
| Stafford County | Dec. 1–31 | 1 | | |
| Sumner County | Nov. 1–Mar. 31 | 11 | | |
| Thomas County | Jan. 1–31 | 2 | | |
| Wallace County | Jan. 1–31 | 2 | | |
| Wabaunsee County | Jan. 1–Mar. 31 | 8 | | |
| Wilson County | Nov. 1–30 | 5 | | |
| Wyandotte County— | | | | |
| Kansas City | Jan. 3–May 1 | 56 | | |
| Total for State | | 1,186 | 1 | |
| Kentucky: | | | | |
| Anderson County | Oct. 1–Jan. 20 | 200 | 1 | Including Lawrenceburg. |
| Berea | Feb. 1–Apr. 2 | 20 | | |
| Covington | Dec. 29–Apr. 24 | 34 | | |
| Fulton | Feb. 1–Mar. 22 | 27 | | |
| Georgetown | Dec. 2–Mar. 4 | 31 | | |
| Henderson | | 7 | | Jan. 1–June 30, 1908. |
| Lexington | Dec. 28–May 1 | 45 | | |
| Newport | July 1–Apr. 24 | 69 | 1 | Jan. 1–June 30, 1908, 16 cases, 1 death. |
| Paducah | Jan. 24–Apr. 3 | 44 | | |
| Total for State | | 477 | 2 | |
| Louisiana: | | | | |
| Alexandria | Feb. 1–28 | 9 | | |
| Arcadia Parish | Dec. 20–Jan. 11 | 30 | | Including Bienville, Liberty Hill, and Mount Lebanon. |
| New Orleans | Dec. 20–May 1 | 44 | | Mainly imported. |
| Shreveport | Jan. 1–20 | 32 | 1 | |
| Winnfield | Jan. 1–Mar. 24 | 33 | | And vicinity. |
| Total for State | | 148 | 1 | |
| Maine: | | | | |
| Cyr plantation | Oct. 16–24 | 11 | | |
| Frenchville | Nov. 11–Dec. 5 | 2 | | |
| Grand Isle (Grant Isle) | Oct 16–Dec. 12 | 26 | | |
| St. Agatha | Oct. 24–Dec. 26 | 9 | | |
| St. David | Dec. 13–19 | 1 | | |
| Upper Frenchville | Oct. 25–Nov. 11 | 2 | | |
| Van Buren | Oct. 18–Feb. 6 | 94 | | |
| Total for State | | 145 | | |
| Maryland | Mar. 18 to 21 | 10 | | House of Correction, Bridewell. |
| Baltimore | Jan. 30–Feb. 6 | 1 | | |
| Total for State | | 11 | | |
| Massachusetts: | | | | |
| Boston | Mar. 14–20 | 2 | | |
| Haverhill | Mar. 14–20 | 1 | | |
| Lawrence | Mar. 7–13 | 1 | | |
| New Bedford | Jan. 30–Mar. 13 | 3 | 1 | |
| Total for State | | 7 | 1 | |
| Michigan: | | | | |
| Barry County | Nov. 1–Dec. 31 | 5 | | |
| Cheboygan County | Dec. 1–31 | 4 | | |
| Delta County | Nov. 1–30 | 1 | | |
| Eaton County | Dec. 1–31 | 1 | | |
| Ingham County— | | | | |
| Lansing | Nov. 1–Dec. 31 | 11 | | |
| Ionia County | Dec. 1–31 | 2 | | |
| Kalamazoo County | Dec. 1–31 | 3 | | |
| Kent County— | | | | |
| Grand Rapids | Jan. 24–Apr. 24 | 3 | | |
| Lapeer County | Dec. 1–31 | 2 | | |
| Macomb County | Nov. 1–30 | 1 | | |
| Manistee County | Nov. 1–30 | 2 | | |
| Menominee County | Dec. 1–31 | 1 | | |
| Muskegon County | Nov. 1–Dec. 31 | 19 | | |
| Saginaw County— | | | | |
| Saginaw | Jan. 16–May 1 | 17 | | |

*Smallpox in the United States, etc.*—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Michigan—Continued. | | | | |
| St. Clair County | Nov. 1-Dec. 31 | 2 | | |
| Port Huron | Nov. 1-Dec. 5 | 3 | | |
| Wayne County— | | | | |
| Detroit | Jan. 10-Mar. 27 | 7 | | |
| Wexford County | Dec. 1-31 | 2 | | |
| Total for State | | 86 | | |
| Minnesota: | | | | |
| Becker County | Dec. 7-13 | 1 | | |
| Benton County | Oct. 26-Nov. 2 | 1 | | |
| Brown County | Oct. 30-Nov. 23 | 11 | | |
| Carver County | Dec. 7-13 | 6 | | |
| Cass County | Oct. 12-Dec. 7 | 1 | | |
| Chippewa County | Nov. 3-9 | 1 | | |
| Cottonwood County | Oct. 20-26 | 1 | | |
| Dodge County | Nov. 24-Dec. 7 | 2 | | |
| Faribault County | Dec. 7-13 | 1 | | |
| Hennepin County | Oct. 6-12 | 1 | | |
| Minneapolis | Nov. 1-Apr. 24 | 100 | | |
| Hubbard County | Oct. 19-Dec. 7 | 11 | | |
| Jackson County | Dec. 7-13 | 1 | | |
| Lac qui Parle County | Nov. 2-Dec. 13 | 3 | | |
| Lyon County | Nov. 16-Dec. 13 | 2 | | |
| Morrison County | Nov. 20-Dec. 13 | 20 | | |
| Nicollet County | Nov. 16-Dec. 13 | 3 | | |
| Norman County | Dec. 7-13 | 5 | | |
| Pipestone County | Dec. 7-13 | 6 | | |
| Ramsey County | Nov. 16-Dec. 7 | 2 | | |
| St. Paul | Nov. 1-Mar. 31 | 200 | | |
| Renville County | Dec. 1-7 | 1 | | |
| St. Louis County— | | | | |
| Duluth | Nov. 9-May 6 | 18 | | |
| Sibley County | Dec. 7-13 | 9 | | |
| Stearns County | Nov. 9-Dec. 7 | 4 | | |
| Steele County | Oct. 20-Dec. 7 | 4 | | |
| Stevens County | Nov. 9-Dec. 13 | 12 | | |
| Todd County | Nov. 9-Dec. 13 | 3 | | |
| Wabasha County | Nov. 2-Dec. 7 | 10 | | |
| Wadena County | Nov. 2-Dec. 13 | 15 | | |
| Waseka County | Oct. 26-Dec. 7 | 9 | | |
| Washington County | Nov. 24-31 | 1 | | |
| Stillwater | Dec. 1-31 | 3 | | |
| Winona County | Dec. 1-7 | 1 | | |
| Winona | Dec. 1-Feb. 28 | 8 | | |
| Yellow Medicine County | Oct. 20-26 | 1 | | |
| Total for State | | 478 | | |
| Mississippi: | | | | |
| De Soto County | Nov. 1-Dec. 22 | 135 | | |
| Total for State | | 135 | | |
| Missouri: | | | | |
| Kansas City | Jan. 24-May 1 | 13 | | |
| Kirksville | Nov. 1-Jan. 31 | 96 | | |
| Liberty | Jan. 15-Mar. 11 | 20 | | |
| Rich Hill | Dec. 5-31 | 4 | | |
| St. Joseph | Dec. 1-Apr. 3 | 2 | | |
| St. Louis | Dec. 20-May 1 | 30 | | |
| Springfield | Nov. 1-Feb. 28 | 3 | | |
| Total for State | | 168 | | |
| Montana: | | | | |
| Beaverhead County | Feb. 1-28 | 2 | | |
| Carbon County | Feb. 1-28 | 1 | | |
| Cascade County | Nov. 1-Mar. 31 | 14 | | |
| Chouteau County | Jan. 1-Feb. 28 | 4 | | |
| Dawson County | Dec. 31-Mar. 31 | 21 | | |
| Fergus County | Dec. 31-Mar. 31 | 35 | | |
| Flathead County | Nov. 1-30 | 1 | | |
| Gallatin County | Nov. 1-Mar. 31 | 26 | | |
| Bozeman | Nov. 1-Mar. 31 | 19 | 1 | |
| Granite County | Jan. 1-Mar. 31 | 7 | | |
| Jefferson County | Nov. 1-30 | 4 | | |
| Lewis and Clark County | Mar. 1-31 | 1 | | |
| Madison County | Dec. 1-31 | 2 | | |
| Meagher County | Mar. 1-31 | 1 | | |
| Missoula County | Jan. 1-31 | 12 | | |
| Missoula | Jan. 1-Feb. 28 | 5 | 1 | |
| Park County | Jan. 1-Mar. 31 | 17 | | |
| Powell County | Jan. 1-Feb. 28 | 15 | | |

*Smallpox in the United States, etc.*—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Montana—Continued. | | | | |
| Ravalli County | Nov. 1-Mar. 31 | 19 | | |
| Sanders County | Jan. 1-Feb. 28 | 11 | | |
| Silverbow County | Nov. 1-Mar. 31 | 20 | 1 | |
| Butte | Mar. 16-Apr. 20 | 38 | | |
| Yellowstone County | Nov. 1-30 | 1 | | |
| Billings | Jan. 1-Mar. 31 | 2 | | |
| Total for State | | 278 | 3 | |
| Nebraska: | | | | |
| Arlington | Jan. 25 | 1 | | |
| Lincoln | Nov. 1-Mar. 31 | 22 | | |
| Polk | Mar. 20-Apr. 23 | 14 | | And vicinity. |
| South Omaha | Dec. 20-Apr. 10 | 15 | | |
| Total for State | | 52 | | |
| New Hampshire: | | | | |
| Hinsdale | Nov. 1-Dec. 15 | 6 | | |
| West Chesterfield | Nov. 1-Dec. 15 | 1 | | |
| West Lebanon | Jan. 15-Feb. 7 | 2 | | |
| Westmoreland | Nov. 1-Dec. 15 | 1 | | |
| Total for State | | 10 | | |
| New Jersey: | | | | |
| Camden | Feb. 21-May 8 | 16 | | |
| Haddonfield | Mar. 26-27 | 2 | | |
| Hightstown | Mar. 3 | 1 | | |
| Lodi | Apr. 15 | 1 | | |
| New Brunswick | Mar. 7-Apr. 5 | 7 | | |
| Paterson | Mar. 16-Apr. 2 | 8 | | |
| Perth Amboy | Mar. 4-31 | 26 | | |
| Plainfield | Mar. 7-Apr. 10 | 6 | | |
| Trenton | Apr. 25-May 1 | 2 | 1 | |
| Woodbridge | Mar. 6-26 | 1 | | |
| Total for State | | 70 | 1 | |
| New York, general | Nov. 1-Feb. 28 | 201 | 1 | Including Amsterdam, Bridgeport, Broome, Cicero, Gardiner, and Middleburg. |
| Buffalo | Feb. 14-Mar. 20 | 4 | | |
| Little Falls | Apr. 10-May 8 | 4 | | |
| Mohawk Valley | | | 1 | Year 1908. |
| New York | Feb. 21-Apr. 3 | 6 | 1 | |
| Niagara Falls | Feb. 7-May 1 | 2 | | |
| Rome | Jan. 1-31 | 1 | | |
| Schenectady | Feb. 7-13 | 1 | | |
| Syracuse | Jan. 9-31 | 3 | | |
| Total for State | | 222 | 3 | |
| North Carolina: | | | | |
| Ashe County | Jan. 1-31 | 7 | | |
| Bertie County | Nov. 1-30 | 1 | | |
| Camden County | Jan. 1-31 | 30 | | |
| Catawba County | Nov. 1-Dec. 31 | 4 | | |
| Currituck County | Nov. 1-Jan. 31 | 34 | | |
| Duplin County | Dec. 1-Jan. 31 | 60 | | |
| Edgecombe County | Dec. 1-31 | 1 | | |
| Johnston County | Nov. 1-Jan. 31 | 13 | | |
| Jones County | Jan. 1-31 | 3 | | |
| Lenoir County | Dec. 1-31 | 20 | | |
| Lincoln County | Dec. 1-31 | 1 | | |
| Madison County | Jan. 1-31 | 2 | | |
| Nash County | Jan. 1-31 | 1 | | |
| New Hanover County—Wilmington | Jan. 22-Mar. 1 | 4 | | Imported. |
| Pasquotank County | Nov. 1-Jan. 31 | 79 | | |
| Pitt County | Jan. 1-31 | 2 | | |
| Sampson County | Jan. 1-31 | 22 | | |
| Scotland County | Jan. 1-31 | 6 | | |
| Wayne County | Jan. 1-31 | 20 | | |
| Total for State | | 310 | | |
| North Dakota | July 1-Feb. 19 | 168 | | |
| Ward County | Jan. 12-Mar. 31 | 27 | | |
| Sherwood | Jan. 12-Mar. 31 | 46 | | |
| Total for State | | 241 | | |

*Smallpox in the United States, etc.*—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Ohio, general | June 14-Jan. 2 | 337 | | |
| Ashtabula | Apr. 11-May 1 | 9 | | |
| Cincinnati | Dec. 12-May 7 | 241 | 1 | |
| Cleveland | Feb. 28-Apr. 30 | 6 | | |
| Columbus | Dec. 26-Apr. 24 | 16 | | Revised. 3 cases additional in Sept. and Oct. |
| Conneaut | Mar. 1-Apr. 29 | 3 | | |
| Dayton | Jan. 24-Feb. 20 | 5 | | |
| Newark | | 3 | | Year 1908. |
| Tiffin | Jan. 3-23 | 2 | | |
| Total for State | | 622 | 1 | |
| Oregon: | | | | |
| Clackamas County | Sept. 1-30 | 1 | | |
| Harney County | Sept. 1-30 | 1 | | |
| Jackson County | Oct. 1-Dec. 31 | 9 | | |
| Lane County | Dec. 1-31 | 10 | | |
| Linn County | Sept. 1-Oct. 31 | 5 | | |
| Marion County | Sept. 1-Dec. 31 | 4 | | |
| Multnomah County | Dec. 1-31 | 5 | | |
| Portland | Nov. 1-Feb. 28 | 91 | | |
| Polk County | Sept. 1-Dec. 31 | 9 | | |
| Tillamook County | Oct. 1-31 | 1 | | |
| Umatilla County | Sept. 1-Dec. 31 | 6 | | |
| Wallowa County | Oct. 1-31 | 1 | | |
| Washington County | Oct. 1-Dec. 31 | 23 | | |
| Yamhill County | Sept. 1-Dec. 31 | 17 | | |
| Total for State | | 183 | | |
| Pennsylvania: | | | | |
| Gracedale | Oct. 24 | 1 | | |
| Harrisburg | Dec. 18-Jan. 20 | 3 | | |
| New Castle | Feb. 1-28 | 2 | | |
| New Kingstown | Dec. 29 | | | Present. |
| Philadelphia | Dec. 10-25 | 1 | | |
| Pittsburg | Dec. 13-19 | 1 | | Imported. |
| Prompton | Jan. 2-Feb. 10 | 3 | | |
| Total for State | | 11 | | |
| South Carolina: | | | | |
| Winnsboro | Feb. 1-28 | 5 | | |
| Yorkville | Mar. 10-Apr. 26 | 14 | 8 | And vicinity. |
| Total for State | | 19 | 8 | |
| South Dakota: | | | | |
| Aberdeen | May 1-Jan. 31 | 43 | | |
| Total for State | | 43 | | |
| Tennessee: | | | | |
| Fayette County | Dec. 1-Mar. 28 | 200 | | |
| Greene County | Jan. 2 | 103 | | Including Greeneville. |
| Knoxville | Dec. 28-May 1 | 38 | | |
| Memphis | Jan. 1-Mar. 13 | 190 | 1 | |
| Murfreesboro | Mar. 15-31 | 1 | | |
| Nashville | Dec. 20-May 8 | 46 | | |
| Polk County | Jan. 22 | 30 | | |
| Total for State | | 608 | 1 | |
| Texas: | | | | |
| Corpus Christi | Apr. 2 | | | Present. |
| Cost | Oct. 1-Dec. 19 | | | Do. |
| Cotulla | Jan. 25-Feb. 17 | | | Do. |
| Denton County | Jan. 1-Feb. 8 | 9 | | Including Justin and Roanoke |
| El Paso | Feb. 10-Mar. 16 | 8 | 1 | |
| Falfurrias | Dec. 26 | 12 | | |
| Fort Worth | | 256 | | Year 1908. |
| Do | Feb. 1-Mar. 31 | 13 | | |
| Galveston | Mar. 6-Apr. 16 | 8 | | |
| Goliad County | Dec. 1-Jan. 20 | 25 | | |
| Houston | Jan. 1-Mar. 27 | 9 | | |
| Laredo | Dec. 26-Mar. 19 | 6 | | |
| Monthalia | Oct. 1-Dec. 19 | | | Present. |
| Oak Forest | Oct. 1-Dec. 19 | | | Do. |
| San Antonio | Dec. 13-May 1 | 94 | | |
| San Augustine County | Jan. 5 | | | Do |
| Total for State | | 440 | 1 | |

*Smallpox in the United States, etc.*—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Utah: | | | | |
| Beaver County | Feb. 1-28 | 2 | | |
| Carbon County | Feb. 1-28 | 1 | | |
| Cache County | Jan. 1-Mar. 31 | 69 | | |
| Davis County | Nov. 1-Mar. 31 | 38 | | |
| Emery County | Feb. 1-28 | 4 | | |
| Garfield County | Dec. 1-Mar. 31 | 44 | | |
| Millard County | Jan. 1-Mar. 31 | 9 | | |
| Salt Lake County | Dec. 1-Mar. 31 | 170 | | |
| Salt Lake City | Dec. 1-Mar. 31 | 334 | 1 | |
| Sanpete County | Dec. 1-Mar. 31 | 3 | | |
| Sevier County | Jan. 1-Mar. 31 | 88 | | |
| Summit County | Dec. 1-Feb. 28 | 32 | | |
| Utah County | Dec. 1-Mar. 31 | 2 | | |
| Weber County | Nov. 1-Feb. 28 | 18 | | |
| Total for State | | 814 | 1 | |
| Vermont: | | | | |
| Brattleboro | Dec. 5-Jan. 30 | 59 | | |
| Newfane | Jan. 11 | 8 | | And vicinity. |
| West Windsor Township | Jan. 23 | 2 | | |
| White River Junction | Jan. 4-Feb. 9 | 3 | | |
| Total for State | | 72 | | |
| Virginia: | | | | |
| Caroline County | Mar. 9 | 1 | | Present in October, 1908. |
| Lithia | Mar. 1-Apr. 28 | 100 | | And vicinity. |
| Lynchburg | Jan. 10-30 | 3 | | Imported. |
| Norfolk | Feb. 5-17 | 3 | | On tug E W. Marts. |
| Port Royal | Dec. 28-Jan. 14 | 3 | | |
| Portsmouth | Apr. 21-27 | 1 | | |
| Richmond | Mar. 14-Apr. 10 | 2 | 1 | Death in county hospital. |
| Total for State | | 113 | 1 | |
| Washington: | | | | |
| Bellingham | Jan. 25-Mar. 23 | 10 | | |
| Camas | Dec. 29-Mar. 8 | 18 | | |
| Seattle | Oct. 1-Mar. 31 | 22 | | |
| Spokane | Dec. 6-Apr. 24 | 27 | 1 | |
| Tacoma | Dec. 14-Apr. 4 | 69 | | |
| Total for State | | 146 | 1 | |
| West Virginia: | | | | |
| Charleston | Jan. 1-31 | 1 | | |
| Moundsville | | | | Present in January. |
| St. Albans | Feb. 16-Apr. 12 | 19 | | |
| Weston | Jan. 15-Feb. 13 | 1 | | |
| Total for State | | 21 | | |
| Wisconsin: | | | | |
| Adams County | July 1-Sept. 30 | 3 | | |
| Barron County | July 1-Sept. 30 | 1 | | |
| Chippewa County | July 1-Sept. 30 | 6 | | |
| Dane County | July 1-Sept. 30 | 1 | | |
| Dodge County | July 1-Sept. 30 | 1 | | |
| Douglas County | July 1-Sept. 30 | 28 | | |
| Superior | Apr. 25-May 1 | 3 | | |
| Dunn County | July 1-Sept. 30 | 1 | | |
| Fond du Lac County | July 1-Sept. 30 | 3 | | |
| Green County | July 1-Sept. 30 | 2 | | |
| Iron County | July 1-Sept. 30 | 2 | | |
| Kewaunee County | July 1-Sept. 30 | 1 | | |
| La Crosse County— La Crosse | Dec. 13-May 1 | 49 | | |
| Manitowoc County— Manitowoc | Dec. 13-Feb. 27 | 14 | | |
| Marathon County | July 1-Sept. 30 | 2 | | |
| Milwaukee County— Milwaukee | Dec. 6-Apr. 24 | 191 | | |
| Monroe County | July 1-Sept. 30 | 12 | | |
| Outagamie County— Appleton | Mar. 6-Apr. 17 | 3 | | |
| Ozaukee County | July 1-Sept. 30 | 3 | | |
| Pierce County | July 1-Sept. 30 | 4 | | |
| Polk County | July 1-Sept. 30 | 1 | | |
| Racine County— Racine | Mar. 21-Apr. 10 | 6 | | |
| Rusk County | July 1-Sept. 30 | 3 | | |
| Sheboygan County | July 1-Sept. 30 | 32 | | |
| Total for State | | 372 | | |
| Grand total for the United States | | 9,748 | 40 | |

*Weekly morbidity and mortality table, cities of the United States.*

[For smallpox, see special table.]

| Cities. | Week ended— | Population, United States census, 1900. | Total deaths from all causes. | Cases and deaths. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Tuberculosis. | | Enteric fever. | | Scarlet fever. | | Diphtheria. | | Measles. | | Whooping cough. | |
| | | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| Altoona, Pa | May 1 | 38,973 | 13 | | 1 | 1 | | 2 | | 3 | | | | | |
| Ann Arbor, Mich | do | 14,509 | 7 | 1 | | | | | | | | 2 | | 1 | |
| Appleton, Wis | do | 15,085 | 6 | 1 | 1 | | | 1 | | 1 | | | | | |
| Ashtabula, Ohio | do | 12,949 | 3 | | | | | | | | | | | | |
| Auburn, N. Y | Apr. 24 | 30,345 | 10 | 1 | | 1 | | | | | | | | 4 | |
| Do | May 1 | 30,345 | 9 | 1 | 2 | | | | | | | | | 1 | 1 |
| Baltimore, Md | do | 508,957 | 206 | 18 | 33 | 2 | | 5 | | 9 | 2 | 183 | 8 | 22 | 1 |
| Bath, Me | do | 10,477 | | | | | | | | 1 | | | | | |
| Bayonne, N. J | do | 32,722 | | | | | | 3 | | 1 | | 3 | | | |
| Beaver Falls, Pa | Apr. 30 | 13,000 | | | | | | | | | | 2 | | | |
| Berkeley, Cal | Apr. 24 | 13,214 | 3 | | | 1 | | | | 3 | | 2 | | | |
| Biddeford, Me | May 1 | 16,145 | 4 | 1 | 1 | | | | | | | | | | |
| Biloxi, Miss | do | 5,467 | 3 | | | | | 1 | 1 | 1 | 1 | 1 | | | |
| Binghamton, N. Y | do | 38,647 | 10 | | 1 | | | | | | | | | | |
| Boston, Mass | do | 560,892 | 224 | 78 | 19 | 11 | | 60 | 3 | 46 | 4 | 85 | 3 | 4 | 1 |
| Braddock, Pa | do | 15,654 | 7 | | | | | 1 | | 1 | | | | | |
| Bradford, Pa | do | 15,029 | 3 | | 1 | 1 | | | | | | | | | |
| Bristol, R. I | do | 6,901 | | | | | | | | 2 | | | | | |
| Brockton, Mass | do | 40,063 | 8 | 1 | 3 | | | 2 | | | | 34 | | 1 | |
| Cambridge, Mass | do | 91,886 | 19 | 7 | 4 | | | 6 | | 2 | | 30 | | 7 | |
| Camden, N. J | do | 75,935 | 31 | | | | | 15 | 2 | 2 | 2 | | | | |
| Camden, S. C | do | 2,441 | | | | | | | | | | 3 | | | |
| Carbondale, Pa | do | 13,536 | 7 | | | | | | | | | | | | |
| Charlotte, N. C | Apr. 30 | 18,091 | 8 | | 1 | | | | | | | 26 | 2 | 1 | |
| Chelsea, Mass | May 1 | 34,072 | 5 | | | | | 3 | | 2 | | | | | |
| Chicago, Ill | do | 1,698,575 | 596 | 70 | 67 | 28 | 2 | 112 | 6 | 88 | 21 | 346 | 9 | 30 | 4 |
| Chicopee, Mass | do | 19,167 | 6 | | 2 | | | | | | | | | | 1 |
| Cincinnati, Ohio | Apr. 30 | 325,902 | 115 | 24 | 14 | | | 3 | | 4 | 1 | 22 | | 5 | 2 |
| Cleveland, Ohio | do | 381,768 | 135 | 21 | 9 | 5 | | 13 | 1 | 15 | | 64 | 1 | 26 | |
| Clinton, Mass | May 1 | 13,667 | 7 | 1 | 1 | | | | | | | 1 | | 2 | |
| Columbus, Ga | do | 17,614 | 9 | | | | | | | | | | | | |
| Columbus, Ohio | do | 125,560 | 38 | 15 | 6 | 2 | 1 | 1 | | 1 | | 35 | | 3 | |
| Concord, N. H | Apr. 24 | 19,632 | 10 | | | | | | | 1 | | 83 | | | |
| Council Bluffs, Iowa | May 3 | 25,802 | 13 | | | | | 1 | | 2 | 1 | 1 | | | |
| Covington, Ky | May 1 | 42,938 | 8 | | 2 | | | 1 | 1 | | | | | 2 | |
| Danville, Ill | May 2 | 16,534 | 7 | | | | | 8 | | 1 | | | | | |
| Davenport, Iowa | Apr. 30 | 35,254 | | | | | | | | | | 3 | | | |
| Dayton, Ohio | May 1 | 85,333 | 31 | 1 | 4 | | 1 | 2 | | 1 | | 33 | | | |
| Detroit, Mich | do | 285,704 | 125 | | | | | 13 | | 6 | 1 | | | | |
| Duluth, Minn | Apr. 29 | 80,000 | 30 | | 5 | | | 3 | | 6 | | 20 | | | |
| Dunkirk, N. Y | May 1 | 11,616 | 7 | 2 | 2 | | | | | 1 | | 1 | | | |
| Elmira, N. Y | do | 35,672 | 17 | 16 | 1 | | | 6 | | 1 | | 12 | 1 | | |
| El Paso, Tex | May 4 | 15,905 | 34 | 1 | 8 | 1 | | 4 | | 1 | | 2 | 1 | 2 | |
| Evansville, Ind | May 1 | 59,017 | 19 | | 5 | | | 1 | | 2 | | | | | |
| Everett, Mass | do | 24,336 | 13 | | | 2 | | 4 | | 2 | | 1 | | | |
| Fall River, Mass | do | 104,863 | 30 | 3 | 2 | 3 | 1 | 5 | | | | 2 | | | |
| Findlay, Ohio | do | 17,613 | 2 | | | | | | | | | 1 | | | |
| Fort Wayne, Ind.[a] | Apr. 3 | 45,115 | 12 | | | | | 4 | | 1 | | 1 | | | |
| Do | Apr. 24 | 45,115 | 8 | | | | | 5 | | | | | | 1 | |
| Galesburg, Ill | May 1 | 18,607 | 5 | | | | | | | | | | | | |
| Galveston, Tex | Apr. 30 | 37,789 | 12 | 2 | 1 | 1 | | | | 1 | | | | | |
| Glens Falls, N. Y | May 1 | 13,543 | 9 | | 1 | | | | | | | 14 | | | |
| Grand Rapids, Mich | do | 87,565 | 16 | 1 | 3 | 1 | | 17 | | | | 8 | | 1 | 1 |
| Greensboro, N. C | do | 10,035 | 5 | | | | | | | | | 1 | | | |
| Hammond, Ind | do | 12,376 | 5 | | 1 | | | 1 | | | | 4 | | | |
| Harrison, N. J | do | 10,596 | 2 | | | | | | | | | | | | |
| Hartford, Conn | Apr. 25 | 79,850 | 31 | | 5 | 1 | | 1 | | 1 | | | | 2 | |
| Haverhill, Mass | May 1 | 37,175 | 9 | 5 | 1 | 1 | | | | 4 | 1 | 2 | | | |
| Hoboken, N. J.[a] | Apr. 10 | 59,364 | | | | | | 2 | | 2 | | 5 | | | |
| Do | May 1 | 59,364 | | | | | | 3 | | 3 | | 5 | | | |
| Hyde Park, Mass | do | 13,244 | 3 | | | 1 | | 1 | | 1 | | | | | |
| Indianapolis, Ind | May 2 | 169,164 | 56 | 3 | 4 | 1 | | 3 | | 4 | | 60 | 2 | 4 | |
| Jacksonville, Fla | May 1 | 28,429 | 21 | | 4 | 1 | | | | | | | | | |
| Jacksonville, Ill | Apr. 2 | 15,078 | 11 | | | | | | | | | | | | |
| Do | Apr. 9 | 15,078 | 5 | | | | | | | | | | | | |
| Do | Apr. 16 | 15,078 | 5 | | | | | | | | | | | | |
| Do | Apr. 23 | 15,078 | 8 | | | | | 1 | 1 | | | | | | |
| Do | Apr. 30 | 15,078 | 4 | | | | | 1 | | 1 | 1 | | | | |
| Jersey City, N. J | May 2 | 206,433 | 72 | 1 | 8 | | | 23 | 1 | 7 | 3 | 25 | | 6 | |

[a] Reported out of date.

*Weekly morbidity and mortality table, cities of the United States*—Continued.

| Cities. | Week ended— | Population, United States census, 1900. | Total deaths from all causes. | Cases and deaths. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Tuberculosis. | | Enteric fever. | | Scarlet fever. | | Diphtheria. | | Measles. | | Whooping cough. | |
| | | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| Johnstown, Pa | May 1 | 35,936 | 13 | | | | | 11 | 1 | 5 | | 3 | | | |
| Kalamazoo, Mich | Apr. 3 | 24,404 | 13 | 3 | 2 | | | | | | | 9 | | | |
| Do | Apr. 10 | 24,404 | 11 | 4 | 2 | | | 1 | | | | 9 | | | |
| Do | Apr. 17 | 24,404 | 8 | | | 1 | | | | | | 7 | | 2 | |
| Do | Apr. 24 | 24,404 | 8 | | | | | | | | | 18 | | 4 | |
| Do | May 1 | 24,404 | 12 | | 1 | | | 1 | | | | 4 | | 6 | |
| Kansas City, Kans | ...do | 51,418 | 24 | 2 | 5 | 1 | | 4 | 1 | 4 | 1 | 23 | | | |
| Kearny, N. J | ...do | 10,896 | 3 | 1 | | | | | | | | | | | |
| Kingston, N. Y | Apr. 29 | 24,535 | 11 | | 4 | | | | | | | | | | |
| Knoxville, Tenn | May 1 | 32,637 | 12 | 1 | 1 | | | | | | | 17 | 1 | | |
| La Crosse, Wis | ...do | 28,895 | 8 | | | | | | | | | | | | |
| La Fayette, Ind | May 3 | 18,116 | 8 | | 1 | | | 1 | | | | 5 | | | |
| Lancaster, Pa | May 1 | 41,459 | 10 | | | | | 2 | | | | 5 | | | |
| Lawrence, Mass | ...do | 62,559 | 30 | 4 | 4 | 1 | 2 | 2 | | 1 | 1 | 32 | | | |
| Lebanon, Pa | ...do | 17,628 | | 1 | | 1 | | 3 | | 1 | | 2 | | | |
| Lexington, Ky | ...do | 26,369 | 18 | | 3 | | | | | 1 | | | | 1 | |
| Los Angeles, Cal | Apr. 24 | 102,479 | 75 | 13 | 13 | 4 | | 20 | | 1 | | 4 | | | |
| Lowell, Mass | May 1 | 94,969 | 34 | 4 | 6 | 3 | | 3 | | 2 | | 4 | | | |
| Lynchburg, Va | ...do | 18,891 | | | | | | 1 | | | | 2 | | 1 | |
| Lynn, Mass | ...do | 68,513 | | | | | | 2 | | 3 | | 2 | | | |
| Macon, Ga | May 2 | 22,746 | 3 | | 1 | | | | | | | | | | |
| Malden, Mass | May 1 | 33,664 | 14 | 1 | 1 | | | 1 | | | | 5 | | 1 | 1 |
| Manchester, N. H | ...do | 56,987 | 27 | 2 | 2 | | 1 | 1 | | 3 | 1 | 2 | | | |
| Manitowoc, Wis | ...do | 11,786 | 2 | | | | | 1 | | | | | | | |
| Marinette, Wis | ...do | 16,195 | 3 | | | | | 1 | | | | | | | |
| Marlboro, Mass | Apr. 24 | 13,609 | 3 | | | | | | | 2 | | | | | |
| Massillon, Ohio | May 1 | 11,944 | 2 | | | | | | | | | | | | |
| Medford, Mass | ...do | 18,244 | 7 | | 1 | | | | | 1 | | 1 | | | |
| Milwaukee, Wis | Apr. 29 | 285,315 | 99 | 19 | 9 | 14 | 1 | 28 | 3 | 11 | | 47 | 2 | | |
| Montclair, N. J | May 1 | 13,962 | 3 | 1 | | | | 1 | | | | 6 | | | |
| Montgomery, Ala | Apr. 30 | 30,346 | 13 | | 2 | | | | | | | | | | |
| Moline, Ill | May 2 | 17,248 | 5 | | 1 | | | 7 | | | | 11 | | | |
| Morristown, N. J | Apr. 24 | 13,000 | 6 | 1 | | | | | | 1 | | 2 | | | |
| Do | May 1 | 13,000 | 2 | | | 1 | | 2 | | | | 7 | | 2 | |
| Mount Vernon, N.Y | ...do | 21,228 | 12 | | 3 | | | | | | | 6 | | | |
| Muncie, Ind | ...do | 20,942 | 3 | 1 | | 5 | 1 | | | 1 | | | | | |
| Nanticoke, Pa | May 2 | 12,616 | 9 | 1 | 1 | | | | | 2 | 1 | 9 | 1 | | |
| Nashville, Tenn | May 1 | 80,865 | 38 | 2 | 7 | | | 2 | | | | | | | |
| Newark, N. J | ...do | 246,070 | 110 | | 23 | 3 | | 45 | 2 | 18 | 1 | | | | 1 |
| New Bedford, Mass | ...do | 63,442 | 43 | 7 | 3 | 1 | | 5 | | 3 | | 6 | | | |
| Newburyport, Mass | ...do | 14,478 | 5 | | | | 1 | | | | | | | | |
| New London, Conn | ...do | 17,548 | 8 | | 1 | | | | | | | 1 | | | |
| New Orleans, La | ...do | 278,104 | 139 | 17 | 18 | 5 | 1 | 70 | 2 | 5 | | 2 | | | 2 |
| Newport, Ky | ...do | 28,301 | 5 | | 1 | | | 1 | | | | | | | |
| Newton, Mass | ...do | 33,587 | 4 | 1 | | 2 | | 1 | | 3 | | 27 | 1 | | |
| New York, N. Y | ...do | 3,437,202 | 1,521 | 590 | 181 | 19 | 11 | 326 | 11 | 337 | 56 | 1389 | 37 | 62 | 13 |
| Niagara, N. Y | ...do | 19,457 | 6 | 3 | | 5 | | 8 | 1 | | | 1 | | | |
| Norristown, Pa | ...do | 22,265 | 6 | | 1 | | | 1 | 1 | | | 39 | | | |
| North Adams, Mass | ...do | 24,200 | 7 | | 2 | | | | | | | | | | |
| Northampton, Mass | ...do | 18,643 | 8 | | 1 | | | | | | | 28 | | | |
| Oakland, Cal | Apr. 26 | 66,960 | 43 | 5 | 2 | 1 | | 10 | | 8 | 1 | 31 | | | |
| Orange, N. J | May 1 | 24,141 | 12 | 2 | 2 | 1 | | 4 | | | | | | | |
| Paducah, Ky | ...do | 19,446 | 5 | 3 | 1 | | | | | | | | | | |
| Palmer, Mass | ...do | 7,801 | 2 | | | | | | | | | | | | |
| Peekskill, N. Y | ...do | 10,358 | 7 | 1 | 1 | 2 | 2 | | | 1 | | 2 | | | |
| Philadelphia, Pa | Apr. 17 | 1,293,697 | 538 | 123 | 65 | 38 | 7 | 89 | 2 | 79 | 14 | 240 | 13 | 13 | 5 |
| Do | Apr. 24 | 1,293,697 | 524 | 104 | 70 | 22 | 9 | 82 | 3 | 85 | 18 | 213 | 11 | 26 | |
| Pittsburg, Pa | May 1 | 321,616 | 154 | 59 | 12 | 8 | 2 | 5 | | 17 | 1 | 16 | 2 | 36 | 2 |
| Pittsfield, Mass | ...do | 21,766 | 6 | | | | | | | 1 | | 1 | | | |
| Plainfield, N. J | ...do | 15,369 | 6 | 2 | | | | 4 | | | | 3 | | | |
| Plymouth, Pa | ...do | 13,649 | | | | | | 2 | | 2 | | 1 | | 1 | |
| Portland, Me | Mar. 27 | 50,145 | 24 | 1 | | 1 | | | | 2 | 1 | | | | |
| Do | Apr. 3 | 50,145 | 15 | 2 | 2 | 1 | | | | 1 | | 1 | | 3 | |
| Do | Apr. 10 | 50,145 | 25 | 1 | 2 | | 1 | 2 | | 2 | | | | | |
| Do | Apr. 17 | 50,145 | 26 | | | 3 | | 3 | | 3 | | | | | |
| Do | Apr. 24 | 50,145 | 20 | 2 | | 1 | | 2 | | 4 | | | | 1 | |
| Portsmouth, N. H | May 1 | 10,637 | | | 1 | | | 1 | | | | | | | |
| Portsmouth, Va | May 4 | 17,427 | 11 | | 2 | | | 4 | | | | 1 | | | |
| Pottstown, Pa | May 1 | 13,696 | 7 | | | | | | | | | | | | |
| Providence, R. I | ...do | 175,597 | 80 | 7 | 5 | | | 6 | 1 | 8 | | 1 | | | |
| Racine, Wis.[a] | Apr. 3 | 29,102 | 7 | | 1 | | | | | 6 | 1 | | | | |
| Do | May 1 | 29,102 | 5 | | | | | 1 | | | | | | | |

[a] Reported out of date.

*Weekly morbidity and mortality table, cities of the United States*—Continued.

| Cities. | Week ended— | Population, United States census, 1900. | Total deaths from all causes. | Cases and deaths. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Tuberculosis. | | Enteric fever. | | Scarlet fever. | | Diphtheria. | | Measles. | | Whooping cough. | |
| | | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| Reading, Pa | May 3 | 78,961 | 26 | 2 | | 3 | 1 | 1 | 2 | 2 | | 1 | | | |
| Rockford, Ill | May 1 | 31,051 | | | | | | | | 1 | | | | | |
| Rock Island, Ill | Apr. 24 | 19,493 | 2 | | | | | | | | | | | | |
| Do | May 1 | 19,493 | 5 | | 1 | | | | | | | | | | |
| Sacramento, Cal | ...do | 29,282 | 13 | 1 | 1 | | | | | 3 | 1 | 1 | | 2 | |
| St. Louis, Mo | ...do | 575,238 | 192 | 42 | 23 | | | 17 | 2 | 21 | 2 | 524 | 3 | 5 | |
| Salem, Mass | ...do | 35,956 | 9 | | 1 | | | 2 | | | | | | | |
| San Antonio, Tex | ...do | 53,321 | | | | | | | | 1 | | | | | |
| Sandusky, Ohio | ...do | 19,664 | 6 | | | 1 | | | | | | 3 | | | |
| San Francisco, Cal | Apr. 24 | 342,782 | 140 | 45 | 14 | 4 | | 12 | | 12 | 2 | 53 | | 13 | 2 |
| San Jose, Cal | ...do | 21,500 | 9 | | | | | | | | | | | | |
| Shamokin, Pa | May 1 | 18,202 | 5 | 5 | | | | | | | | 22 | 1 | | |
| Somerville, Mass | ...do | 61,643 | 24 | 5 | | 2 | 1 | 5 | | 7 | 1 | 27 | | | |
| South Bend, Ind | ...do | 35,999 | 10 | 2 | 2 | | | 5 | | 2 | | | | | |
| S. Bethlehem, Pa | ...do | 13,241 | 7 | 3 | 1 | 2 | | | | | | 6 | | | 1 |
| South Omaha, Nebr | Apr. 10 | 26,001 | | | | | | | | 1 | 1 | | | | |
| Do | Apr. 17 | 26,001 | | | | | | | | 1 | 1 | | | | |
| Spokane, Wash | Apr. 24 | 38,848 | 22 | | 3 | | 1 | 62 | 1 | 13 | 1 | 51 | | | |
| Springfield, Ill | Apr. 30 | 34,159 | 14 | | | | | | | | | | | | |
| Springfield, Mass | May 1 | 62,059 | 25 | | 2 | | | 2 | | 3 | | 5 | | | 1 |
| Springfield, Ohio | ...do | 38,253 | 12 | 5 | 1 | | | | | | | | | | |
| Steelton, Pa | ...do | 12,068 | 4 | 1 | 1 | | | | | | | 1 | | | |
| Superior, Wis | ...do | 31,091 | 13 | | | | 1 | 14 | 1 | 2 | | | | | |
| Taunton, Mass | ...do | 31,036 | 13 | | 1 | | | 5 | | | | | | | 1 |
| Titusville, Pa | ...do | 8,244 | 3 | | | 1 | | | | | | | | | |
| Trenton, N. J | ...do | 73,307 | | 3 | 3 | 1 | | 5 | | 1 | | | | | |
| Walla Walla, Wash | ...do | 10,049 | 2 | | | | | 2 | | 1 | | | | | |
| Waltham, Mass | ...do | 23,481 | 12 | 1 | 1 | | | 2 | 1 | 3 | | 12 | | | |
| Washington, D. C | ...do | 278,718 | 137 | 28 | 18 | 6 | 1 | 16 | | 4 | 1 | 96 | 1 | 13 | |
| Weymouth, Mass | ...do | 11,324 | 1 | | | | | | | | | 7 | | | |
| Wheeling, W. Va | ...do | 38,878 | 13 | 7 | 2 | | | | | 1 | | 11 | | | |
| Wichita, Kans | ...do | 24,671 | | | | | | 2 | 1 | 2 | | 167 | | | |
| Wilkes-Barre, Pa | Apr. 30 | 51,721 | 18 | | 1 | | | 4 | | 2 | | 86 | | 1 | |
| Wilkinsburg, Pa | Apr. 28 | 13,000 | 6 | 7 | 1 | 1 | | 1 | | 1 | | 2 | | | |
| Do | May 7 | 13,000 | 6 | | | | | 1 | | 1 | | | | | |
| Williamsport, Pa | May 1 | 28,757 | 12 | | 2 | 1 | | | | | | | | | |
| Wilmington, Del | ...do | 76,508 | 23 | | 1 | | | | | | | | | | 1 |
| Winona, Minn | May 3 | 19,714 | 5 | | | | | | | | | | | | |
| Woburn, Mass | May 1 | 14,254 | 6 | | | | | | | | | | | | |
| York, Pa | Apr. 30 | 33,708 | | 4 | | 2 | | 1 | | | | | | | |
| Zanesville, Ohio | May 1 | 23,538 | 12 | | 1 | 8 | 1 | | | | | | | | |

# FOREIGN AND INSULAR.

## CURRENT QUARANTINE MEASURES.

### PLAGUE.

[From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, April 15 and 21, 1909.]

*British Indies.*—March 9: Quarantine measures declared at Orissa against arrivals from Hongkong.

*Russia.*—April 7: The city of Hongkong declared plague infected.

*Turkey.*—March 30: For arrivals from Maskat the measures formerly prescribed are replaced by medical inspection at the first Turkish port supplied with a sanitary physician.

### ALGERIA.

*Deratization at Algiers and other localities.*

The following is taken from the *Bulletin Bimensuelle*, Algiers, April 15:

*Algiers.*—April 1–15: Rodents taken by the maritime sanitary service, 613; examined by the laboratory of health, 133; result, negative. Classification of rats: *Mus norvegicus*, 450; *Mus rattus*, 57; *Mus alexandrinus*, 20; *Mus musculus*, 86.

*Month of March, 1909.*

*Arzew.*—Rodents taken, 25; result, negative.

*Beni-Saf.*—Rodents taken, 34; result, negative.

*Bona.*—Rodents taken, 296; examined, 136; result, negative. Classification of rodents: *Mus norvegicus*, 253; *Mus rattus*, 2; *Mus alexandrinus*, 23; *Mus musculus*, 18.

*Bougie.*—Rodents taken, 29; examined, 17; taken from wharves. Result, negative.

*Dellys.*—Rodents taken, 129; 51 in the city; 78 on the wharves.

*Mers-el-Kebir.*—Rodents taken, 25; result, negative.

*Nemours.*—Rodents taken, 19; result, negative.

*Oran.*—Rodents taken, 785; examined, 231; result, negative.

*Philippeville.*—Rodents taken, 48; examined, 42; result, negative. Classification of rodents: *Mus norvegicus*, 40; *Mus rattus*, 8.

## BARBADOS

*Report from Bridgetown—Inspection and fumigation of vessels—Status of yellow fever.*

Acting Assistant Surgeon Urquhart reports, April 24:

Week ended April 24. Bills of health issued to 9 vessels having a total of 64 passengers and 302 members of crews. One vessel was fumigated.

One new case of yellow fever was reported during the week The case occurred in the country about 15 or 20 miles from this port. There has been no yellow fever actually present in the port for the past 4 weeks.

## CHINA.

*Report from Amoy—Leprosy and smallpox.*

Passed Assistant Surgeon Foster reports, March 29:

Week ended March 27. No bills of health issued.

Leprosy and smallpox are present in the port of Amoy.

*Reports from Hongkong—Quarantine restrictions—Plague and smallpox—Examination of emigrants—Inspection of vessels.*

Acting Assistant Surgeon Gröne reports, April 2 and 6:

Week ended March 27. Restrictions enforced by Hongkong remain as reported March 20.

Restrictions enforced against Hongkong remain as reported March 20.

Return of quarantinable diseases: Plague 5 cases, 4 deaths; smallpox 1 case. Aliens for Honolulu and Pacific coast ports: Examined, 641; rejected, 99. Aliens for Philippine Islands: Examined, 5; rejected, 4. Vessels inspected and granted bills of health, 8.

Week ended April 3: Restrictions enforced by Hongkong remain as reported on March 27.

To the restrictions enforced against Hongkong as reported on March 27, the following have been added:

| Place or port. | Nature of measure. |
|---|---|
| Madras..... | Arrivals from Hongkong subject to regulations under the Venice convention at uninfected ports. |

Quarantinable diseases: Plague, 6 cases, 5 deaths; smallpox, 1 case.

Aliens for Philippine Islands: Examined, 17; rejected, 9.

Vessels inspected and granted bills of health, 10.

*Reports from Shanghai—Inspection of vessels—Examination of emigrants—Plague-infected rats; new foci of infection—Precautions against infection of vessels by rats—Smallpox at Hankau.*

Acting Assistant Surgeon Ransom reports, April 7:

Week ended March 27. Supplemental bill of health granted to 1 steamship with an aggregate personnel of 71; vessel and members of crew inspected.

The steamship *Flintshire*, Yokohama to Manila via Kobe, Shanghai, and Hongkong, remained in this port for 2 days anchored in the stream. No cargo was taken for Manila, but loading for ports beyond was continued throughout the day and night, and no rat guards were used on the lines to lighters, etc. The crew of this vessel was directed to be bathed and disinfected at Hongkong prior to departure for Manila.

Numerous inspections were made during the week of cargo intended for shipment to the United States and of the establishments preparing the same.

Plague-infected rats continue to be found in all sections of Shanghai. During the week 653 dead rats were examined, of which number 10 were found to be infected, 5 each from the eastern and northern districts. Since February 25 there have been discovered 42 new foci of infection, distributed as follows: Eastern district 21, northern district 16, central district 4, western district 1. The infection has extended considerably to the eastward of the settlement, a new focus having been discovered beyond the Yangtszepoo creek. Haffkine prophylactic is being used to some extent, particularly among persons connected with the collection of dead rats, etc. Forty-eight persons were inoculated last week and 575 houses temporarily rat-proofed. There were caught in traps and destroyed during the week 865 rats, the total number of traps under observation being 2,315. Poisoned baits laid amounted to 153,532.

Reports from Hankau to March 20 show smallpox present.

Week ended April 3. Supplemental bills of health granted to 3 steamships having an aggregate personnel of 1,168. There were inspected 2 vessels, 8 cabin passengers, 9 steerage passengers, and 138 members of crews. Seven pieces of baggage were also inspected and passed. Ten emigrants for San Francisco per steamship *Mongolia* were examined, one of whom was advised to wait on account of suspected trachoma. There were bathed 24 members of crews, and their effects, numbering 39 pieces, were disinfected by steam. Manifests were viséed for 6,977 pieces of freight, amounting to 813.21 tons.

The steamship *Mongolia*, Hongkong to San Francisco, remained in this port 23 hours, anchored at Woosung. She loaded from lighters during daylight only. Shore liberty was granted to cabin passengers and the officers of the vessel. Inspection of the personnel taking passage from Shanghai was held on board the tender for the vessel at the hour of her departure.

The steamship *Norman Prince*, Yokohama to New York via Shanghai and Singapore, was in this port 8 days, anchored in the stream. No rat guards were used on the lines to lighters, etc., but loading was carried on during daylight only. Shore liberty was allowed the entire personnel. The holds of the vessel were fumigated at Yokohama, and the Kobe bill of health stipulated that the crew were to be bathed and disinfected at Shanghai, which was accordingly done. Inspection of the vessel and her personnel was held on board at the hour of her departure.

The steamship *Shinano Maru*, Hongkong to Seattle, remained at Shanghai twenty-six hours, anchored in the stream. She was loaded from lighters during daylight only. Shore liberty was allowed to cabin passengers and the officers of the vessel. Inspection of the vessel and personnel was held on board at the hour of sailing.

Plague-infected rats continue to be found in the various districts. There were examined during the week 536 rats found dead, of which number 7 were found to be infected with the plague bacillus. Four infected rats were collected from the eastern, 2 from the northern, and 1 from the central districts. Rat traps under observation numbered 2,166, in which 787 were caught. Trapped rats were not examined for plague. There were temporarily rat-proofed 507 dwellings. No persons were immunized during the week.

## COSTA RICA.

### *Report from Limon, fruit port.*

Acting Assistant Surgeon Goodman reports:

Week ended April 24. Estimated population, 8,000. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following-named vessels:

| Date. | Vessel. | Destination. | Number of crew. | Number of passengers from this port. | Number of passengers in transit. |
|---|---|---|---|---|---|
| Apr. 17 | Preston | New Orleans | 32 | 0 | 0 |
| 18 | San Jose | Boston | 44 | 1 | 0 |
| 19 | Siberia | New York | 52 | 55 | 1 |
| 21 | Ellis | New Orleans | 39 | 4 | 42 |
| 22 | Belvernon | Mobile | 20 | 0 | 0 |
| 23 | Reventazon | New York | 54 | 10 | 0 |
| 23 | Bluefields | New Orleans | 24 | 0 | 0 |

## CUBA.

### *Report from Cienfuegos—Inspection of vessels.*

Acting Assistant Surgeon Suarez reports, April 26:

*Week ended April 24.*

| | |
|---|---|
| Vessels inspected | 7 |
| Bills of health issued | 7 |
| Members of crews inspected | 251 |
| Passengers landed (not inspected) | 5 |

No quarantinable diseases were reported during the week.

### *Report from Habana—Inspection and fumigation of vessels—Sanitary conditions.*

Passed Assistant Surgeon Amesse reports, May 4:

*Week ended May 1.*

| | |
|---|---|
| Bills of health issued | 27 |
| Vessels inspected | 26 |
| Members of crews of out-going vessels inspected | 1,162 |
| Passengers of out-going vessels inspected | 1,435 |
| Vaccination certificates issued | 33 |
| Vessels fumigated | 2 |

Sanitary conditions in Habana continue satisfactory.

*Report from Matanzas—Inspection and fumigation of vessels—Sanitary inspectors appointed.*

Acting Assistant Surgeon Nuñez reports, May 3:

Week ended May 1. Bills of health granted to 6 vessels clearing for the United States. The British steamship *Malinche*, bound from Progreso, Mexico, to New Orleans, via Cardenas, Caibarien, and Matanzas, was fumigated at this port April 25, when about to leave for her port of destination. This vessel was not fumigated on leaving Progreso, and was held in quarantine by the Cuban authorities at every port she touched. No sickness had developed on board up to the time of her inspection.

Two new medical officers with residence in Matanzas, have been appointed by the secretary of sanitation for the inspection of the sanitary condition of the different towns of this province when so ordered by the director of sanitation. They report satisfactory conditions from every place inspected.

*Report from Santiago—Inspection of vessels—Leprosy.*

Acting Assistant Surgeon Wilson reports, April 28:

Week ended April 24. Bills of health issued to 8 vessels bound for the United States and its dependencies. No vessel was fumigated. No new case of quarantinable disease has been reported. There are 3 cases of leprosy under treatment.

## ECUADOR.

*Report from Guayaquil [a]—Inspection of vessels—Plague and yellow fever.*

Passed Assistant Surgeon Wightman reports, January 12:

During the week ended December 26 a bill of health was issued to 1 steamship with a personnel of 88 members of crew, 19 cabin and 21 steerage passengers.

For the same week a total of 45 deaths was reported for Guayaquil, among which 2 were from yellow fever and 2 from plague.

## GERMANY.

*Report from Berlin—Status of cholera in Russia.*

The following is received from Consul-General Thackara, under date of April 24:

Week ended March 27, 25 cases of cholera, with 5 deaths, were registered in the city of St. Petersburg and suburbs; from March 28 to April 4, 10 cases, with 3 deaths.

## GUATEMALA.

*Report from Puerto Barrios, fruit port—Water containers—Stegomyia.*

Acting Assistant Surgeon Ames reports as follows:

Week ended April 24, 1909. Present officially estimated population, 350. General sanitary condition of this port and the surrounding country during the week, good.

---

[a] Report received out of date.

Water containers inspected: Barrels, 26; not screened; no protection. Cisterns, 17; screened with wire gauze. Containers oiled. *Stegomyia* found in 10 barrels and 5 cisterns.

Bills of health issued to the following-named vessels:

| Date. | Vessel. | Destination. | Number of crew. | Number of passengers from this port. | Number of passengers in transit. |
|---|---|---|---|---|---|
| Apr. 20 | Parismina | Colon | 88 | 45 | 46 |
| 21 | Origen | New Orleans | 27 | 12 | 36 |

Temperature taken of all persons on board day of sailing.

## HAWAII.

*Reports from Honolulu—Examination of rats for plague infection.*

Passed Assistant Surgeon Currie, in temporary charge, reports, April 19 and 26:

### HONOLULU.

*Week ended April 17.*

| | |
|---|---|
| Total rats taken | 666 |
| Trapped | 665 |
| Found dead | 0 |
| Examined bacteriologically | 583 |
| Plague infected | 0 |
| Classification of rats trapped: | |
| Mus alexandrinus | 109 |
| Mus musculus | 241 |
| Mus norvegicus | 171 |
| Mus rattus | 144 |
| Average number of traps set daily | 1,410 |
| Poisons placed (barium carbonate) | 295 |
| Rat killed by sulphur dioxid | 1 |
| Classification of rat killed by sulphur dioxid: | |
| Mus musculus | 1 |
| Rats from Hilo referred to this laboratory for bacteriological diagnosis | 2 |
| Still under investigation | 2 |
| Proved to be plague infected during week | 0 |

*Week ended April 24.*

| | |
|---|---|
| Total number of rats taken | 640 |
| Trapped | 637 |
| Found dead | 0 |
| Examined bacteriologically | 557 |
| Plague infected | 0 |
| Classification of rats trapped: | |
| Mus alexandrinus | 107 |
| Mus musculus | 247 |
| Mus norvegicus | 161 |
| Mus rattus | 122 |
| Average number of traps set daily | 1,410 |
| Poisons placed (barium carbonate) | 240 |
| Rats killed by sulphur dioxid | 3 |
| Classification of rats killed by sulphur dioxid: | |
| Mus alexandrinus | 3 |
| Rats from Hilo referred to this laboratory for bacteriological diagnosis | 0 |
| Still under investigation | 1 |
| Proved to be plague infected during week | 1 |

HILO.

*Week ended April 10.*

| | |
|---|---|
| Total rats taken | 122 |
| Trapped | 120 |
| Found dead | 2 |

NOTE.—During March, 1909, 21,894 poisons were placed in Hilo and of these 3,851 were eaten. Three hundred and twenty-one rat holes were fumigated with carbon bisulphide.

HONDURAS.

*Reports from Ceiba, fruit port.*

Acting Assistant Surgeon Jumel reports:

Week ended April 28. Present officially estimated population, 6,800. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

| Date. | Vessel. | Number of crew. | Number of passengers from this port. | Number of passengers in transit. | Pieces of baggage disinfected. |
|---|---|---|---|---|---|
| April 22 | Livingston | 19 | 0 | 0 | 0 |
| 22 | Babil | 14 | 0 | 0 | 0 |
| 25 | Colombia | 19 | 0 | 0 | 0 |
| 27 | Viator | 16 | 0 | 0 | 0 |
| 28 | Navigator | 19 | 0 | 0 | 0 |

Temperature of all persons on above-named vessels taken at time of clearance.

*Report from Puerto Cortez, fruit port.*

Acting Assistant Surgeon Ames reports as follows: Week ended April 27. Present officially estimated population, about 2,500. General sanitary condition of this port and the surrounding country, good.

Bills of health issued to the following-named vessels:

| Date. | Vessel. | Number of crew. | Number of passengers from this port. |
|---|---|---|---|
| April 25 | John Wilson | 17 | 1 |
| 25 | Harald | 18 | ..... |
| 26 | Agnella | 18 | ..... |
| 26 | Utstein | 16 | 3 |
| 28 | Harry T. Inge | 31 | 3 |

*Report from Tela, fruit port.*

Acting Assistant Surgeon Roe reports:

Week ended April 24. Present officially estimated population, about 1,250. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

| Date. | Vessel. | Destination. | Number of crew. | Number of passengers from this port. | Number of passengers in transit. |
|---|---|---|---|---|---|
| Apr. 18 | Fjell | Mobile | 17 | 0 | 0 |
| 22 | Habil | New Orleans | 14 | 0 | 0 |
| 24 | Colombia | Mobile | | 0 | 0 |

## INDIA.

*Report from Calcutta—Transactions of service—Cholera, plague, and smallpox—Plague in India and Bengal.*

Acting Assistant Surgeon Allan reports, March 31 and April 8:

Week ended March 27. No transactions.

Week ended April 3. Bill of health issued to the steamship *Kabinga*, bound for Philadelphia and New York with a total crew of 63, and to the steamship *African Prince*, bound for Boston and New York with a total crew of 30 and 6 passengers. The usual precautions were taken, holds fumigated, rat guards placed on wharf lines, and Asiatics' effects disinfected. The crew shipped in Calcutta in the steamship *Kabinga* were vaccinated.

Week ended March 27. At Calcutta, 143 deaths from cholera, 61 from plague, and 446 from smallpox; in Bengal, 466 cases and 412 deaths from plague; in India, 6,059 cases and 5,035 deaths from plague.

## ITALY.

*Report from Naples—Inspection of vessels—Examination of emigrants—Smallpox in Naples—Status of smallpox in Italy.*

Assistant Surgeon Wollenberg reports, April 19:

*Vessels inspected at Naples and Palermo, week ended April 17.*

NAPLES.

| Date. | Name of ship. | Destination. | Steerage passengers inspected and passed. | Pieces of baggage inspected and passed. | Pieces of baggage disinfected. |
|---|---|---|---|---|---|
| Apr. 14 | San Giorgio | New York | 755 | 40 | 950 |
| 15 | Europa | do | 1,623 | 110 | 1,980 |
| 16 | Barbarossa | do | 947 | 90 | 1,350 |
| 16 | Italia | do | 575 | 50 | 820 |
| 17 | Taormina | Philadelphia | 2,117 | 150 | 2,790 |
| | Total | | 6,017 | 440 | 7,890 |

PALERMO.

| | | | | | |
|---|---|---|---|---|---|
| Apr. 15 | San Giorgio | New York | 890 | 1,150 | 190 |
| 17 | Italia | do | 523 | 646 | 160 |
| | Total | | 1,413 | 1,796 | 350 |

*Rejections recommended.*

NAPLES.

| Date. | Name of ship. | Trachoma. | Favus. | Suspected trachoma. | Suspected favus. | Other causes. | Total. |
|---|---|---|---|---|---|---|---|
| Apr. 14 | San Giorgio | 22 | 5 | 6 | ..... | 5 | 38 |
| 15 | Europa | 34 | 2 | 9 | ..... | 14 | 59 |
| 16 | Barbarossa | 19 | 2 | 14 | ..... | 6 | 41 |
| 16 | Italia | 19 | 2 | 10 | ..... | 14 | 45 |
| 17 | Taormina | 45 | 3 | 18 | ..... | 12 | 78 |
| | Total | 139 | 14 | 57 | ..... | 51 | 261 |

PALERMO.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Apr. 15 | San Giorgio | 36 | ..... | 40 | ..... | 6 | 82 |
| 17 | Italia | 16 | ..... | 18 | ..... | 6 | 40 |
| | Total | 52 | ..... | 58 | ..... | 12 | 122 |

*Smallpox in Naples.*—During the week ended April 18, 11 cases of smallpox were reported at the health office of the city of Naples.

*Status of smallpox in Italy.*

Week ended April 18. Cases: San Vito (Belluno), 1; Verona, 1; Viterbo (Rome), 1; Cerignola, 6; Foggia, 9; S. Agata d'Puglia, 9; Volturino, 11; Ortonova (Foggia), 19; Pagani (Salerno), 4.

JAPAN.

*Report from Yokohama—Examination of emigrants.*

Passed Assistant Surgeon Cumming reports:

Number of emigrants per steamship *Shinano Maru* for Seattle April 14 held for observation 10.

Per steamship *Tenyo Maru* April 17: For Honolulu, held for observation 2; for San Francisco, rejected 2, held for observation 3.

Of these rejections and detentions all but 1 were for trachoma.

*Report from Kobe—Inspection of vessels—Examination and disinfection of emigrants—Plague in vicinity of Kobe—Care of lepers.*

Acting Assistant Surgeon Knight reports April 8:

During the week ended April 3 supplemental bills of health were granted to 4 steamships and original bill of health was granted to 1 steamship.

There were inspected 113 members of crew and 992 steerage passengers. Fifty-two members of crews and 24 steerage passengers were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 187 and of bedding 48. Manifests were viséed for 36,734 pieces of freight, amounting to 3,486 tons.

Emigrants were examined as follows:

Steamship *Mongolia* for Honolulu, passed 23, recommended for rejection 11; steamship *Mongolia* for San Francisco, passed 1, recommended for rejection 2.

There was reported 1 case of plague, 5 miles east of Kobe in the country district.

It is officially reported that there are now under construction in Japan buildings and quarters for the colonization and treatment of persons afflicted with leprosy. In the Kobe consular district the stations are at Shikoku, 100 miles southwest of Kobe, and at Sotoshima, 18 miles east of Kobe. The capacity of each colony is about 300 patients. The doctors and officers have already been selected by the government. The buildings will probably not be opened until about May 1, owing to delay in the construction.

## MEXICO.

### *Report from Coatzacoalcos—Inspection of vessels.*

Acting Assistant Surgeon Thompson reports, April 29:

Week ended April 28. Three vessels inspected and passed.

### *Report from Mexico City—Yellow fever in vicinity of Merida and Maxcanu.*

The following is received from Doctor Liceaga, President of the Superior Board of Health of Mexico, under date of April 19:

During the week ended April 17, 2 cases of yellow fever, confirmed April 11, occurred at Ticul, situated 75 kilometers distant from Merida.

Doctor Liceaga further reports, May 3:

Week ended May 1. One case of yellow fever at San Bernardo, 9 kilometers distant from Maxcanu.

### *Report from Tampico—Inspection of vessels—Smallpox along the intercoastal canal—Sanitary work—Sewerage and water-supply system.*

Acting Assistant Surgeon Stowe reports, April 29:

*Week ended April 28.*

| | |
|---|---|
| Vessels inspected and passed | 2 |
| Bills of health issued | 3 |
| Members of crews inspected | 47 |
| Passengers inspected | 1 |

No quarantinable diseases occurred during this period.

Smallpox is prevailing in the country between here and Tuxpan along the intercoastal canal.

The local health authorities have established a temporary station at the junction of this canal with the Panuco River, and all shipping coming through this canal from the infected territory is inspected before pratique is given to enter Tampico.

Owing to a drought which has extended for a period of more than 3 months, with the exception of a slight rainfall about 10 days ago, mosquitoes have been scarce.

Five vessels were fumigated during the past month. Rigid inspection was made immediately after fumigation, but few mosquitoes were found.

The work of filling in the low-lying districts of the town is progressing rapidly, and the sewerage system is being improved by the

laying of more pipe. The waterworks system is furnishing an abundant supply of good, wholesome water, and is just now the only source of supply.

*Report from Veracruz—Smallpox—Antimosquito work—Smallpox and typhus fever in Mexico City.*

Acting Assistant Surgeon Carter reports, April 26:

Week ended April 25. Two cases of smallpox with 2 deaths reported. Both cases are isolated. No cases of yellow fever have been reported since February 11. Very few mosquitoes are to be found, the weather still being dry and warm. The mosquito campaign is being carried on with regularity. Typhus and enteric fever are on the increase in Mexico City and smallpox is generally diffused.

## NICARAGUA.

*Report from Bluefields, fruit port—Stegomyia.*

Acting Assistant Surgeon Layton reports:

Week ended April 28. Present officially estimated population, 2,500. General sanitary condition of this port and the surrounding country during the week, good. *Stegomyia* are now present in appreciable quantities. The numerous water receptacles in the port, hitherto dry, have been filled by recent showers and have become good breeding places.

Bill of health issued to the following-named vessel:

| Date. | Vessel. | Destination. | Number of crew. | Number of passengers from this port. | Number of passengers in transit. |
|---|---|---|---|---|---|
| Apr. 21 | Bluefields | New Orleans via Limon, Costa Rica, and Santa Marta, Colombia. | 23 | 0 | 0 |

## PHILIPPINE ISLANDS.

*Report from Manila—Smallpox—Status of cholera in the provinces—Recrudescence of cholera in Bohol and Negros Occidental—Examination of cholera carriers—Inspection of vessels.*

Chief Quarantine Officer Heiser reports, March 23:

Week ended March 20. Smallpox, 4 cases; 2 deaths.

Cholera cases and deaths in the provinces, as reported to the bureau of health during the week:

| Province. | Cases. | Deaths. |
|---|---|---|
| Bohol | 59 | 30 |
| Capiz | 17 | 11 |
| Pampanga | 4 | 5 |
| Negros Occidental | 38 | 26 |
| Total | 118 | 72 |

*Smallpox.*—A few scattering cases of smallpox still continue to be reported in the city of Manila and from the neighboring provinces. All cases have occurred in persons who showed no evidences of ever having been successfully vaccinated, with the exception of one case of varioloid which showed evidence of having been vaccinated some years ago.

*Cholera.*—During the week there was a sharp recrudescence of this disease in the provinces of Bohol and Negros Occidental. In view of the fact that the places which are infected have only little maritime intercourse with other sections of the islands, there is not much danger to be apprehended from the spread of the disease on these routes.

The disease still exists in sporadic form in the provinces north of Manila, and a mild form of the disease is apparently present in a large area. Careful stool examinations of cholera carriers are now being carried out.

Consular bills of health issued at the port of Manila as follows:

March 15 the United States Army transport *Sheridan*, with 187 members of crew and 360 passengers, granted a bill of health for San Francisco via Nagasaki and Honolulu. Crew and steerage passengers bathed and effects and baggage disinfected. Vessel partially disinfected. Cargo and baggage either disinfected or passed after inspection. All persons on board inspected at the hour of sailing. March 15 the British steamship *Bellerophon*, with 87 members of crew, en route from Liverpool to Seattle and Tacoma, given a supplemental bill of health after the usual inspection of cargo and personnel. March 20 the British steamship *Falls of Orchy*, with 47 members of crew, en route from Newcastle to Zamboanga, granted a supplemental bill of health.

## RUSSIA.

*Report from Libau—Status of cholera in St. Petersburg—Typhus fever—Plague case previously reported—Examination of emigrants.*

Acting Assistant Surgeon De Forrest reports, April 23:

*Cholera.*—From April 16 to 21, 22 cases of cholera, with 2 deaths, were reported at St. Petersburg. April 16 a case was taken off the train from Lewaschovno, at St. Petersburg.

*Typhus fever.*—At Libau 19 cases of typhus fever are reported to date, all among prisoners in jail.

*Plague.*—The case of plague previously reported (see Public Health Reports, Apr. 30, 1909, p. 581), is still present at Libau.

April 20 the steamship *Lituania* sailed for New York with 497 emigrants on board. All had been in Libau under observation for 5 days or more and left here in good physical condition. Ninety-six pieces of baggage were disinfected with formalin gas.

## ST. LUCIA ISLAND.

*Reports from Castries—Sanitary conditions—Sanitary inspection.*

Acting Assistant Surgeon Maylie reports, April 13:

Weeks ended April 10 and 17. Estimated population of Castries, 8,000; deaths for the week, 9. The sanitary condition of the port and vicinity is good. No quarantinable diseases exist. Sir Rupert

Boyce, of England, who is on a tour of inspection of the British West Indian islands, arrived here April 10 and is now making a sanitary inspection of Castries.

## FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.

BRAZIL—*Pernambuco.*—Two weeks ended March 15, 1909. Estimated population, 210,000. Total number of deaths, 285, including smallpox 5, yellow fever 1, measles 2, leprosy 1, and 59 from tuberculosis.

CANADA—*Ontario—Hamilton.*—Month of April, 1909. Estimated population, 66,967. Total number of deaths, 79, including scarlet fever 1, diphtheria 1, and 8 from tuberculosis. Cases: Scarlet fever 27, diphtheria 7, measles 4, and whooping cough 17.

*Ontario—Niagara Falls.*—Month of April, 1909. Estimated population, 9,000. Total number of deaths 10. Cause of deaths not reported.

*Province of Quebec.*—Annual report for the year 1907. Total number of deaths, 29,007, corresponding to an annual death rate of 18.07 per 1,000 of population, which is estimated at 1,604,489. The deaths from contagious diseases were. Enteric fever 530, diarrheal disease 4,404, measles 345, scarlet fever 79, whooping cough 249, diphtheria 577, and 2,884 from tuberculosis.

*Quebec—Sherbrooke.*—Month of April, 1909. Estimated population, 15,000. Total number of deaths, 31, including 12 from tuberculosis.

CEYLON—*Colombo.*—Five weeks ended January 16, 1909. Estimated population, 183,872. Total number of deaths, 780, including Asiatic cholera 3, smallpox 13, enteric fever 58, measles 1, and 73 from tuberculosis.

CHILE—*Punta Arenas.*—Month of February, 1909. Estimated population, 12,000. Total number of deaths, 24, including 8 from tuberculosis.

CHINA—*Kulangsu.*—Five weeks ended March 20, 1909. Estimated population, 8,000. Total number of deaths, 10; cause of death not reported.

FRANCE—*St. Etienne.*—Two weeks ended April 15, 1909. Estimated population, 150,000. Total number of deaths, not reported, including enteric fever 2, diphtheria 5, whooping cough 24, and 26 from tuberculosis.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 76 great towns in England and Wales during the week ended April 17, 1909, correspond to an annual rate of 17.1 per 1,000 population, which is estimated at 16,445,281.

*London.*—One thousand six hundred and six deaths were registered during the week, including measles 112, scarlet fever 9, diphtheria 13, enteric fever 3, whooping cough 53, tuberculosis 149, and 9 from diarrhea. The deaths from all causes correspond to an annual rate of 17.3 per 1,000. In Greater London 2,224 deaths were registered. In the "outer ring" the deaths included 12 from measles, 8 from diphtheria, 2 from enteric fever, 4 from scarlet fever, and 1 from whooping cough.

*Manchester.*—Five weeks ended April 3, 1909. Estimated population, 655,435. Total number of deaths, 1,441, corresponding to an average weekly death rate of 23 per 1,000 of population, including measles 58, scarlet fever 22, whooping cough 25, enteric fever 16, and 182 from tuberculosis.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended April 17, 1909, in the 21 principal town districts of Ireland was 26.5 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Sligo, viz, 9.6, and the highest in Lurgan, viz, 48.7 per 1,000.

*Scotland.*—The deaths registered in 8 principal towns during the week ended April 17, 1909, correspond to an annual rate of 18.4 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Perth, viz, 20, and the lowest in Leith, viz, 8.5, per 1,000. The aggregate number of deaths registered from all causes was 656, including diphtheria 7, measles 5, scarlet fever 6, enteric fever 4, and 58 from whooping cough

GREECE—*Patras.*—Two weeks ended April 15, 1909. Estimated population, 40,000. Total number of deaths, 21, including 11 from tuberculosis.

INDIA—*Rangoon.*—Month of February, 1909. Estimated population, 290,347. Total number of deaths, 855, including Asiatic cholera 35, smallpox 20, enteric fever 106, measles 2, and 60 from plague.

JAPAN—*Formosa.*—Two weeks ended March 27, 1909. Estimated population, 3,108,723. Total number of deaths, 90, including enteric fever 2, and 85 from plague.

MADAGASCAR—*Tamatave.*—Month ended March, 1909. Estimated population, 7,086. Total number of deaths, 28; cause of death not reported.

MAURITIUS—*Port Louis.*—Month of January, 1909. Estimated population, 374,237. Total number of deaths not reported. Deaths from contagious diseases were: Enteric fever 3, plague 12, and 74 from tuberculosis.

PANAMA—*Panama, Colon, and Canal Zone.*—Month of March, 1909. Estimated population, 129,323. Total number of deaths, 184, corresponding to an annual death rate of 17.07 per 1,000, including

typhus fever 3, malarial fever 25, beriberi 2, and 25 from tuberculosis. Of this number, 32 occurred among the employees of the Isthmian Canal Commission and Panama Railroad Company, corresponding to an annual death rate of 8.76 per 1,000, of which 6.84 per 1,000 was due to disease, including malarial fever 4, enteric fever 3, and 5 from tuberculosis. Total number of employees, 43,825.

SPAIN—*Almeria.*—Month of March, 1909. Estimated population, 50,000. Total number of deaths, 120, including enteric fever 1, smallpox 1, diphtheria 1, measles 3, and 8 from tuberculosis.

*Cholera, yellow fever, plague, and smallpox, from December 26, 1908, to May 14, 1909.*

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State and from other sources.]

[For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Ceylon: | | | | |
| Colombo | Nov. 15-Jan. 2 | 16 | 13 | |
| China: | | | | |
| Hongkong | Dec. 28-Jan. 16 | 2 | 2 | |
| India: | | | | |
| Bombay | Dec. 9-Apr. 13 | | 201 | |
| Calcutta | Nov. 1-Apr. 3 | | 772 | |
| Madras | Nov. 14-Apr. 2 | | 60 | |
| Negapatam | Oct. 31-Mar. 19 | | 35 | |
| Rangoon | Nov. 8-Apr. 3 | | 75 | |
| Indo-China: | | | | |
| Cholen | Nov. 9-15 | 1 | 1 | |
| Saigon | Mar. 1-6 | 2 | 2 | |
| Persia: | | | | |
| Tabriz | Oct. 9-Dec. 28 | 1,003 | 500 | |
| Philippine Islands: | | | | |
| Manila | Nov. 1-Jan. 2 | 84 | 56 | Third quarter, 1908, 673 cases and 458 deaths. |
| Provinces | | | | Third quarter, 1908, 17,619 cases and 11,115 deaths. |
| Antique | Nov. 1-Jan. 16 | 260 | 163 | |
| Bataan | Nov. 1-7 | 1 | 1 | |
| Bohol | Dec. 20-Mar. 20 | 479 | 229 | |
| Bulacan | Nov. 1-Feb. 27 | 82 | 71 | |
| Cagayan | Nov. 1-Jan. 16 | 114 | 67 | |
| Capiz | Nov. 1-Mar. 20 | 1,467 | 833 | |
| Cavite | Nov. 1-Feb. 20 | 110 | 81 | |
| Cebu | Dec. 20-Feb. 6 | 21 | 15 | |
| Ilocos Norte | Nov. 1-Jan. 16 | 335 | 235 | |
| Ilocos Sur | Nov. 1-Jan. 2 | 207 | 140 | |
| Iloilo | Nov. 1-Mar. 6 | 294 | 154 | |
| Isabela | Jan. 24-30 | 2 | | |
| Laguna | Nov. 1-Mar. 6 | 119 | 81 | |
| Leyte | Nov. 1-Mar. 6 | 158 | 125 | |
| Negros Occidental | Nov. 1-Mar. 20 | 313 | 204 | |
| Nueva Ecija | Feb. 14-20 | 1 | 1 | |
| Palawan | Nov. 1-Dec. 19 | 10 | 5 | |
| Pampanga | Nov. 1-Mar. 20 | 99 | 73 | |
| Rizal | Nov. 1-Feb. 20 | 246 | 216 | |
| Samar | Nov. 1-Mar. 13 | 196 | 223 | |
| Sorsogon | Jan. 10-Mar. 13 | 100 | 65 | |
| Surigao | Nov. 15-Jan. 12 | 7 | 4 | |
| Union | Nov. 1-Jan. 12 | 12 | 8 | |
| Zambales | Dec. 6-12 | 3 | 3 | |
| Russia, general | Nov. 15-Apr. 10 | 4,303 | 1,780 | Dec. 1, 3 cases are reported present at Riga. From 1 to 4 cases are reported weekly from the following places: Schuscka, Dnjeprowsk (Simferopol), Bijsk, Smeinogorsk, Barnoul, Pokrowsk, Jusowska, Etschmiadsin, and Dorpat. |
| Akmolinsk | Nov. 15-Jan. 23 | 34 | 13 | |
| Bakoo | Nov. 22-28 | 3 | 2 | |
| Batoon | Nov. 15-21 | 4 | 2 | |
| Charkov | Dec. 6-Mar. 13 | 6 | 1 | |
| Cronstadt | Nov. 15-Jan. 16 | 3 | 1 | |
| Don, territory of | Nov. 15-Mar. 6 | 190 | 97 | |
| Ekaterinislav | Nov. 15-Dec. 26 | 27 | 11 | |

*Cholera, yellow fever, plague, smallpox, etc.*—Continued.

CHOLERA—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Russia, general—Continued. | | | | |
| Erivan | Dec. 1-31 | 28 | 21 | |
| Helsingfors | Jan. 10 | 2 | 1 | In vicinity. |
| Jaroslav | Feb. 7-Mar. 20 | 63 | 28 | |
| Kherson | Nov. 15-Dec. 19 | 2 | | |
| Kief | Nov. 15-Dec. 12 | 11 | 1 | |
| Kooban | Nov. 15-Jan. 2 | 139 | 76 | |
| Kostroma | Dec. 6-12 | 1 | | |
| Livonia | Nov. 15-21 | 2 | 1 | |
| Moscow district | Dec. 6-Jan. 30 | 8 | 8 | Including Brownitza. |
| Moscow | Jan. 17-23 | 1 | 1 | Imported. |
| Odessa | Nov. 29-Dec. 12 | 2 | 2 | |
| Olonets | Nov. 21-28 | 1 | 1 | |
| Poltava | Nov. 29-Dec. 5 | 3 | | |
| Romanov-Borisoglyebsk | Mar. 10 | | | Present. |
| Rybinsk | Mar. 13 | 7 | | |
| Samara gov't dist | Nov. 29-Dec. 5 | 7 | 7 | |
| Samarcand | Dec. 6-12 | 10 | 7 | In vicinity. |
| Saratov | Nov. 15-Dec. 12 | 11 | 6 | Mar. 21, 1 case. |
| Semipalatinsk, territory of | Dec. 19-26 | 1 | | |
| Stavropol | Nov. 15-21 | 1 | | |
| St. Petersburg, government | Nov. 15-Mar. 19 | 35 | | |
| St. Petersburg | Nov. 29-Apr. 10 | 2,290 | 710 | Apr. 21, still present. |
| Tambov | Nov. 15-Dec. 12 | 16 | 8 | |
| Tavride | Nov. 15-Dec. 19 | 9 | 5 | |
| Terek, territory of | Nov. 15-Dec. 19 | 99 | 62 | |
| Tiflis | Nov. 15-21 | 9 | 4 | |
| Tomsk | Nov. 15-Jan. 23 | 102 | 48 | |
| Toula | Feb. 21-Mar. 6 | 7 | 2 | |
| Tver district | Nov. 15-Dec. 5 | 4 | | |
| Volgoda | Dec. 6-12 | 1 | | |
| Yelisavetpol | Nov. 26-Dec. 5 | 5 | 10 | |
| Siam: | | | | |
| Bangkok | Nov. 1-Dec. 5 | 1 | | |
| Straits Settlements: | | | | |
| Penang | Feb. 27 | 1 | | From s. s. Sunki Maru. |
| Singapore | Nov. 8-Feb. 27 | | 165 | |

YELLOW FEVER.

| | | | | |
|---|---|---|---|---|
| Barbados, general | Dec. 12-Apr. 24 | 65 | 22 | Including the parishes of St. Andrew, St. John, St. Joseph, St. Lucy, St. Michael, and St. Thomas. |
| Bridgetown | Dec. 12-Mar. 20 | 11 | | |
| Speightstown | Mar. 7 | 1 | | |
| Brazil: | | | | |
| Bahia | Nov. 15-Mar. 27 | 157 | 60 | |
| Manaos | Nov. 29-Apr. 3 | | 16 | |
| Para | Nov. 22-Apr. 17 | | 59 | |
| Pernambuco | Nov. 15-Mar. 15 | | 3 | |
| Colombia: | | | | |
| Cartagena | Jan. 8-14 | 1 | 1 | |
| Cuba: | | | | |
| Oriente Province— | | | | |
| San Luis | Jan. 1-2 | 2 | 1 | These cases were removed Dec. 28 and 29, respectively, to Santiago, where 1 case died Dec. 31. |
| Curaçao | Jan. 15 | 1 | | |
| Dutch Guiana: | | | | |
| Paramaribo | Dec. 1-Jan. 27 | 32 | 8 | |
| Ecuador: | | | | |
| Guayaquil | Nov. 29-Apr. 3 | | 98 | |
| Martinique: | | | | |
| Fort de France | Dec. 13-Mar. 6 | 5 | 1 | |
| Mexico: | | | | |
| Itzincal plantation | Dec. 6-12 | 2 | 2 | |
| Maxcanu | Dec. 6-Jan. 23 | 5 | 4 | Aug. 22-Dec. 18, 5 cases not previously reported. |
| Merida | Dec. 6-Apr. 13 | 16 | 8 | |
| San Bernardo plantation | Dec. 27-May 1 | 8 | 4 | |
| Sodzil plantation | Dec. 13-Jan. 2 | 7 | 5 | |
| Ticul | Feb. 1-Apr. 13 | 4 | 2 | |
| Veracruz | Dec. 6-Feb. 13 | 13 | 6 | |
| Trinidad: | | | | |
| Port of Spain | Jan. 20 | | 1 | |

*Cholera, yellow fever, plague, smallpox, etc.*—Continued.

PLAGUE.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Azores: | | | | |
| Fayal | Apr. 1 | 1 | | Sept. 22–Mar. 31, 10 cases additional. |
| Terceira | Mar. 31–Apr. 1 | 17 | 6 | |
| Australia: | | | | |
| Brisbane | Nov. 1–7 | 1 | 1 | |
| Brazil: | | | | |
| Bahia | Nov. 15–Mar. 27 | 60 | 27 | |
| Para | Jan. 24–Feb. 6 | | 2 | |
| Pernambuco | Nov. 1–Dec. 31 | | 10 | |
| Rio de Janeiro | Nov. 16–Mar. 28 | 75 | 36 | |
| Chile: | | | | |
| Antofagasta | Feb. 28–Mar. 11 | 32 | | Apr. 3, 11 cases in lazaretto. |
| Arica | Mar. 9 | | | Present. |
| Iquique | Jan. 1–Apr. 4 | 51 | 19 | Year 1908, 133–70; Apr. 4, 17 cases in the lazaretto. |
| Magillones | Mar. 9–10 | 70 | | |
| Taltal | Feb. 11 | | | Present. |
| China: | | | | |
| Amoy | Mar. 6 | 1 | | Present Mar. 20, and present at Wuchang in September. |
| Canton | Mar. 6–20 | 35 | 25 | |
| Chinchew | Mar. 7–13 | | | Present. |
| Fukien Province, Chang Poo | Mar. 7–13 | | | Epidemic. |
| Hankau | Nov. 30–Dec. 5 | 1 | 1 | On river boat Loongwo. |
| Hongkong | Nov. 8–Apr. 3 | 31 | 23 | |
| Tamchou | Dec. 19 | | | Vicinity of Hainan; present. |
| Tientsin | Oct. 18–Nov. 21 | | | Feb. 16, again present. |
| Tongshan | Nov. 1–14 | | | Present. |
| Ecuador: | | | | |
| Babohoyo | Jan. 16 | 3 | | |
| Guayaquil | Nov. 29–Apr. 3 | | 85 | |
| Milagro | Nov. 17–Jan. 18 | 18 | 8 | |
| Nisag | Jan. 16 | 7 | | |
| Tolte | Dec. 25–Jan. 17 | 30 | 20 | |
| Egypt: | | | | |
| Alexandria | Nov. 14–Jan. 20 | 4 | | |
| Port Said | Dec. 4–Apr. 14 | 2 | 1 | |
| Suakim | Feb. 1 | 1 | | On ss. Huriet II. |
| Provinces— | | | | |
| Assiout | Dec. 2–Apr. 15 | 22 | 17 | |
| Beherach | Nov. 24–Dec. 26 | 11 | 6 | |
| Dakaklieh | Feb. 4–Mar. 20 | 6 | 6 | |
| Galyoobeeyeh | Nov. 21–Feb. 2 | 3 | | |
| Garbieh | Nov. 27–Jan. 28 | 4 | 2 | |
| Girgeh | Oct. 18–Mar. 14 | 8 | 8 | |
| Fayoum | Nov. 23–Apr. 12 | 3 | 2 | |
| Menouf | Nov. 27–Jan. 17 | 155 | 35 | |
| Minieh | Nov. 25–Apr. 15 | 16 | 8 | |
| German East Africa: | | | | |
| Dar-es-Salaam | Oct. 10–Jan. 7 | 7 | 5 | |
| Great Britain: | | | | |
| Elstree | Feb. 3–4 | 1 | 1 | At plague laboratory. |
| India: | | | | |
| Bombay Presidency and Sind. | Nov. 2–Mar. 20 | 19,451 | 13,886 | |
| Madras Presidency | Nov. 2–Mar. 20 | 1,101 | 789 | |
| Bengal | Nov. 2–Mar. 20 | 4,731 | 3,946 | |
| United Provinces | Nov. 2–Mar. 20 | 7,096 | 5,934 | |
| Punjab | Nov. 2–Mar. 20 | 13,279 | 10,673 | |
| Burma | Nov. 2–Mar. 20 | 4,783 | 4,530 | |
| Central provinces, including Berar. | Nov. 2–Mar. 20 | 5,268 | 4,141 | |
| Coorg | Nov. 2–Dec. 17 | 5 | 3 | |
| Mysore State | Nov. 2–Mar. 20 | 2,823 | 2,026 | |
| Hyderabad State | Nov. 2–Mar. 20 | 616 | 509 | |
| Central India | Nov. 2–Mar. 20 | 750 | 582 | |
| Rajputana | Nov. 2–Mar. 20 | 2,757 | 2,513 | |
| Kashmir | Mar. 14–20 | 5 | 2 | |
| Grand total | | 62,665 | 49,534 | |
| Indo-China: | | | | |
| Cholen | Oct. 25–Dec. 19 | 12 | 11 | Including Chuquan. |
| Saigon | Oct. 25–Mar. 13 | 24 | 20 | |
| Japan: | | | | |
| Amagasaki | Feb. 27 | | | Present. |
| Awaji Island, Sumoto | Feb. 27 | | | Do. |
| Formosa | Nov. 8–Apr. 10 | 484 | 391 | Mainly in the central and south central part. |

*Cholera, yellow fever, plague, smallpox, etc.*—Continued.

PLAGUE—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Japan—Continued. | | | | |
| Kagi, prefecture | Jan. 16 | 5 | | |
| Hiogo, prefecture | | | | Year 1908, 219 cases additional. |
| Kagoshima, prefecture | Feb. 6 | 1 | | From ss. Shinkochi Maru. |
| Kobe | Jan. 20–Apr. 10 | 6 | 4 | 3 cases from ss. Ghazee. Feb. 27, again present. Apr. 3, 1 case in vicinity. |
| Mikagi | Feb. 27 | | | Present. |
| Nara, prefecture | | | | Year 1908, 2 cases additional. |
| Nishinomiya | Jan. 6 | 1 | | Year 1908, 53 cases. Feb. 28, still present. |
| Osaka | Dec. 22–Jan. 29 | 3 | 1 | Year 1908, 59 cases additional. Case Jan. 29, on ss. Shinkochi Maru. |
| Tokushima, prefecture | | 1 | | Year 1908. |
| Yura | | 116 | 83 | Do. |
| Mauritius | Oct. 2–Jan. 31 | | 106 | |
| Peru: | | | | |
| Arequipa, general | Feb. 19–Apr. 1 | 6 | 4 | |
| Mollendo | Nov. 1–Feb. 18 | 1 | 5 | |
| Cajamarca, general | Feb. 19–Apr. 1 | 55 | 31 | |
| Cascas | Feb. 12–18 | 12 | 5 | |
| Chota | Jan. 22–Feb. 18 | 8 | 8 | |
| Callao, general | Feb. 19–Apr. 1 | 7 | 3 | |
| Callao | Nov. 13–Feb. 18 | 18 | 11 | Apr. 12, present. |
| Lambayeque, general | Feb. 19–Apr. 1 | 39 | 15 | |
| Chiclayo | Nov. 13–Feb. 18 | 44 | 23 | |
| Eten | Nov. 13–Dec. 31 | 11 | 10 | |
| Jayanca | Feb. 4 | 12 | | |
| Lambayeque | Feb. 18–Mar. 4 | 6 | 5 | |
| Motupe | Dec. 17–Jan. 14 | 2 | | |
| San Jose | Nov. 13–Dec. 3 | 2 | | |
| Zaña | Jan. 14–Feb. 18 | 4 | 2 | |
| Libertad, general | Feb. 19–Apr. 1 | 56 | 19 | |
| Casma | Feb. 4 | 1 | 1 | |
| Chepen | Nov. 27–Feb. 18 | 19 | 6 | |
| San Pedro | Nov. 13–Feb. 18 | 28 | 21 | |
| Trujillo | Nov. 13–18 | 153 | 70 | |
| Lima, general | Feb. 19–Mar. 18 | 15 | 3 | |
| Chorrillos | Jan. 22–Feb. 4 | 2 | 2 | |
| Lima | Nov. 13–Feb. 13 | 50 | 19 | |
| Huarochiri, Matucana, Surco. | Feb. 4 | 15 | | |
| Piura, general | Feb. 19–Mar. 4 | 2 | 1 | |
| Catacaos | Dec. 11–Feb. 18 | 7 | | |
| Paita | Dec. 11–17 | 3 | 2 | |
| Piura | Dec. 11–Jan. 14 | 6 | 4 | |
| Russia: | | | | |
| Libau | Mar. 30–Apr. 5 | 1 | | |
| Siam: | | | | |
| Bangkok | Sept. 27–Feb. 28 | 13 | 7 | |
| Straits Settlements: | | | | |
| Singapore | Nov. 30–Mar. 20 | 3 | 3 | |
| Turkey in Asia: | | | | |
| Bagdad | Nov. 6–Feb. 5 | 14 | 7 | |
| Beirut | Dec. 17–Jan. 9 | 5 | 5 | |
| Jiddah | Dec. 12–Apr. 25 | 178 | 160 | |
| Zanzibar | Nov. 10 | 1 | 1 | |

SMALLPOX.

| | | | | |
|---|---|---|---|---|
| Algeria: | | | | |
| Algiers | Dec. 1–Mar. 31 | | 95 | |
| Bona | Jan. 1–Mar. 31 | 57 | 34 | |
| Arabia: | | | | |
| Aden | Nov. 25–Feb. 22 | | 74 | |
| Argentina: | | | | |
| Buenos Aires | Oct. 1–Dec. 31 | | 2 | |
| Australia: | | | | |
| New South Wales— | | | | |
| Newcastle | Nov. 1–30 | 1 | | |
| Austria: | | | | |
| Bohemia | Jan. 31–Feb. 13 | 8 | | |
| Galicia | Dec. 20–Apr. 10 | 10 | | |
| Silesia | Jan. 3–Apr. 10 | 5 | | |
| Trieste | Mar. 21–27 | 1 | | |

*Cholera, yellow fever, plague, smallpox, etc.*—Continued.

SMALLPOX—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Brazil: | | | | |
| Bahia | Nov. 15–Mar. 27 | 327 | 29 | |
| Para | Feb. 14–Mar. 27 | 3 | 2 | |
| Pernambuco | Nov. 1–Mar. 15 | | 118 | |
| Rio de Janeiro | Nov. 16–Mar. 28 | 1,373 | 672 | |
| Santos | Nov. 1–Dec. 20 | | 10 | |
| São Paulo | Nov. 1–Mar. 14 | | 59 | |
| British Honduras: | | | | |
| Stann Creek | Feb. 5–Mar. 10 | 6 | 1 | 32 miles south of Belize. |
| British South Africa: | | | | |
| Cape Town | Dec. 28–Mar. 13 | 5 | | |
| Canada: | | | | |
| British Columbia— | | | | |
| Vancouver | Dec. 1–Mar. 31 | 7 | | |
| Victoria | Dec. 12–Feb. 28 | 28 | 4 | |
| Manitoba— | | | | |
| Winnipeg | Dec. 20–Jan. 20 | 6 | | |
| Ontario, Province, general | Dec. 1–31 | 118 | | |
| Hamilton | Jan. 17–23 | 1 | | |
| Toronto | Nov. 8–Mar. 6 | 21 | | |
| Nova Scotia— | | | | |
| Halifax | Dec. 13–May 1 | 74 | | |
| Tusketwedge | Feb. 13 | 1 | | |
| Yarmouth | Dec. 1–Mar. 27 | 29 | | Revised. |
| Quebec— | | | | |
| Montreal | Dec. 26–Jan. 2 | 1 | | |
| Ceylon: | | | | |
| Colombo | Nov. 1–Mar. 27 | 194 | 43 | Reports Dec. 19–Jan. 26 received out of date. |
| Chile: | | | | |
| Concepcion | Jan. 15–31 | 1 | | |
| Talcaguana | Nov. 20–Jan. 28 | | | Present in vicinity. |
| Valparaiso | Dec. 6–19 | 2 | | |
| China: | | | | |
| Amoy | Oct. 11–Nov. 8 | | 2 | Mar. 27, still present. |
| Canton | Mar. 6–27 | 65 | | |
| Hankau | Mar. 20 | | | Present. |
| Hongkong | Jan. 3–Apr. 3 | 18 | 6 | |
| Shanghai | Nov. 11–Apr. 4 | 6 | 6 | 3 cases Nov. 11–Dec. 28 from U. S. transport Seward. |
| Tientsin | Jan. 17–Feb. 27 | 10 | 2 | |
| Cuba: | | | | |
| Cienfuegos | Mar. 6 | 1 | | |
| Habana | Dec. 26–Apr. 3 | 5 | | Case Dec. 26 on s. s. Florida, case Jan. 19 on s. s. Alfonso XIII, case Mar. 25 on s. s. Monterey, case Apr. 3 on s. s. La Navarre. |
| Ecuador: | | | | |
| Guamote | Jan. 16 | | | Present. |
| Manglar Alto | Jan. 17 | | | Epidemic. |
| Egypt, general | Nov. 12–Feb. 25 | 737 | 164 | |
| Alexandria | Nov. 26–Feb. 28 | 42 | 26 | |
| Cairo | Nov. 19–Apr. 8 | 478 | 116 | |
| Suez | Feb. 19–Mar. 6 | 27 | 2 | |
| France: | | | | |
| Marseille | Dec. 1–Jan. 31 | | 2 | |
| Nantes | Mar. 15–21 | 1 | | |
| Nice | Jan. 1–Feb. 28 | 2 | | |
| Paris | Nov. 22–Apr. 24 | 59 | 3 | |
| Toulon | Jan. 1–31 | 1 | | |
| Germany, general | Nov. 19–Apr. 24 | 77 | | |
| Bremen | Jan. 16–23 | 2 | | |
| Breslau | Dec. 20–26 | 1 | | |
| Brunswick | Feb. 16–20 | 1 | | |
| Hamburg | Mar. 13 | 2 | | Among Russian emigrants. |
| Konigsberg | Jan. 9 | 1 | | |
| Greece: | | | | |
| Athens | Nov. 22–Mar. 6 | | 5 | |
| Patras | Dec. 16–31 | 1 | 1 | |
| Great Britain: | | | | |
| Bristol | Dec. 13–Apr. 10 | 30 | 7 | |
| Cardiff | Apr. 3–10 | 1 | | |
| Dunbar | Mar. 21–27 | 1 | | From a vessel. |
| London | Feb. 1–6 | 1 | | |
| Guatemala: | | | | |
| Guatemala City | Dec. 21 | 600 | 200 | Estimated, 2,800 cases; 840 deaths. Feb. 11, still present. |
| India: | | | | |
| Bombay | Nov. 25–Apr. 13 | | 237 | |
| Calcutta | Nov. 1–Apr. 3 | | 2,899 | |

*Cholera, yellow fever, plague, smallpox, etc.*—Continued.

SMALLPOX—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| India—Continued. | | | | |
| Madras | Nov. 28–Apr. 2 | | 20 | |
| Rangoon | Nov. 22–Apr. 3 | | 73 | |
| Indo-China: | | | | |
| Cholen | Nov. 15–Dec. 5 | 6 | 5 | |
| Saigon | Nov. 1–Mar. 21 | 35 | 21 | |
| Italy, general | Nov. 30–Apr. 18 | 313 | | Report for Apr. 11 not received. |
| Catania | Feb. 28–Apr. 17 | 8 | | |
| Cinquefrondi | Jan. 15–21 | 13 | | |
| Florence | Nov. 24–Mar. 10 | 4 | | |
| Genoa | Dec. 1–Feb. 28 | 8 | | |
| Naples | Dec. 7–Apr. 18 | 371 | 59 | Jan. 18, 1 case on s. s. Europa. |
| Palermo | Jan. 24–Mar. 6 | 11 | 2 | |
| Polesella | Dec. 1 | | | Epidemic. |
| Tatrinoli | Jan. 15–21 | 2 | | |
| Japan: | | | | |
| Formosa | Nov. 29–Mar. 13 | 19 | | |
| Kobe | Feb. 14–Mar. 6 | 5 | 2 | 3 cases in March from s. s. Ghazee from Singapore. |
| Tokyo | May 8–Dec. 31 | 314 | | |
| Java: | | | | |
| Batavia | Nov. 1–Mar. 27 | 70 | 6 | |
| Malta | Nov. 22–Feb. 20 | 4 | 1 | 1 case Nov. 22 on vessel. |
| Manchuria: | | | | |
| Dalny | Jan. 17–Apr. 10 | 7 | 2 | |
| Mexico: | | | | |
| Acapulco | Jan. 11–Feb. 14 | 15 | | |
| Acayucan | Mar. 17 | | | Present. |
| Chihuahua | Apr. 19–25 | 1 | | |
| Guadalajara | Jan. 7–Apr. 22 | | 15 | |
| Mexico City | Nov. 8–Mar. 27 | | 220 | |
| Monterey | Jan. 4–May 2 | | 57 | |
| Rosita | Mar. 29 | 3 | | |
| Sabinas | Mar. 31 | 10 | | |
| Salina Cruz | Jan. 1–15 | 5 | | |
| Tampico | Apr. 28 | | | Present at localities between Tampico and Tuspan. |
| Tehuantepec | Jan. 28–Feb. 3 | | | Present. |
| Veracruz | Dec. 13–Apr. 5 | 8 | 4 | Apr. 20, still present. |
| Yucatan, Camp Mengel | Dec. 21 | 1 | | |
| Moluccas Islands | Dec. 12 | | | Do. |
| Netherlands, The: | | | | |
| Rotterdam | Jan. 10–Mar. 27 | 1 | 1 | |
| Newfoundland | Feb. 9–Mar. 20 | 2 | | Epidemic on south coast. |
| St. Johns | Jan. 10–Apr. 3 | 11 | | Case Jan. 10 from s. s. Portia. |
| Norway: | | | | |
| Bergen | Jan. 24–30 | | 2 | |
| Christiania | Nov. 22–28 | 1 | 1 | |
| Paraguay: | | | | |
| Asuncion | Dec. 20–26 | | | Present. |
| Persia: | | | | |
| Arabistan | Jan. 1–28 | | | Do. |
| Dizfoul | Jan. 1–28 | | | Do. |
| Hamadan | Oct. 2–Dec. 24 | 350 | 100 | Estimated. |
| Kerman | Nov. 11 | | | Present. |
| Kermanshah | Oct. 1–31 | | | Do. |
| Mechedisser | Jan. 1–28 | | | Do. |
| Mohammerah | Jan. 1–28 | | | Do. |
| Sultanabad | Oct. 1–31 | | | Do. |
| Tabriz | Oct. 2–8 | | | Do. |
| Teheran | Sept. 18–Oct. 28 | | 17 | |
| Trebizond | Jan. 16 | | | Do. |
| Peru: | | | | |
| Lima | Nov. 22–Dec. 31 | 11 | | Mar. 27, 1 case in the lazaretto. |
| Salaverry | Nov. 19–25 | | 1 | |
| Philippine Islands: | | | | |
| Manila | Nov. 1–Mar. 20 | 51 | 18 | Feb. 26, 1 case on s. s. Indrapura. Third quarter, 1908, 84 cases, 38 deaths. |
| Porto Rico: | | | | |
| Mayaguez | Dec. 20–Jan. 2 | 2 | | |
| Portugal: | | | | |
| Lisbon | Nov. 30–Apr. 10 | 47 | | One case, Jan, 27, from s. s. Aragon. |
| Russia: | | | | |
| Batoom | Dec. 1–Feb. 28 | 2 | | |
| Moscow | Nov. 20–Apr. 17 | 422 | 161 | |
| Odessa | Oct. 4–Mar. 28 | 88 | 12 | |
| Reval | Jan. 1–31 | 1 | | |
| Riga | Nov. 29–Apr. 24 | 22 | | |
| St. Petersburg | Nov. 15–Apr. 10 | 196 | 54 | |
| Warsaw | Nov. 1–Feb. 13 | | 65 | |

*Cholera, yellow fever, plague, smallpox, etc.*—Continued.

SMALLPOX—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Salvador: | | | | |
| San Salvador | Feb. 6 | 3 | | |
| Santa Ana | Feb. 6 | 40 | | Present on routes to Guatemala. |
| Servia: | | | | |
| Belgrade | Dec. 6-12 | 2 | | |
| Siam: | | | | |
| Bangkok | Feb. 1-28 | 111 | 72 | Present in November. |
| Siberia: | | | | |
| Vladivostok | Dec. 14-Feb. 14 | 2 | | |
| Southeast Africa: | | | | |
| Lourenço Marquez | Jan. 1-31 | 1 | 1 | |
| Spain: | | | | |
| Almeria | Jan. 1-Mar. 31 | | 4 | Apr. 1-Dec. 31, 1908, 9 cases. |
| Barcelona | Dec. 6-Apr. 26 | | 61 | |
| Cartagena | July 1-31 | | 15 | |
| Huelva | Mar. 1-31 | | 2 | |
| Madrid | Nov. 1-Mar. 31 | | 88 | |
| Valencia | Nov. 29-Apr. 24 | 102 | 9 | |
| Vigo | Nov. 30-Mar. 27 | | 12 | |
| Straits Settlements: | | | | |
| Penang | Mar. 1-27 | 2 | 2 | Case Mar. 1 from s. s. Pentakota; case Mar. 27 from s. s. Hong Sin. |
| Singapore | Dec. 28-Mar. 27 | | 10 | |
| Switzerland: | | | | |
| Zug, Canton | Apr. 11-17 | 1 | | |
| Zurich | Feb. 21-27 | 3 | | |
| Tripoli: | | | | |
| Tripoli | Feb. 13-Apr. 10 | 101 | 15 | |
| Turkey in Asia: | | | | |
| Adalia | Sept. 24-27 | | 2 | |
| Bagdad | Feb. 13-Apr. 3 | | | Present. |
| Bassorah | Jan. 3-Apr. 10 | | | Do. |
| Smyrna | Oct. 7-Mar. 25 | | 73 | |
| Turkey in Europe: | | | | |
| Constantinople | Dec. 7-Apr. 4 | | 64 | |
| Trebizond | Feb. 7-20 | | | Do. |
| Uruguay: | | | | |
| Montevideo | Dec. 1-Feb. 28 | | 13 | |

*Weekly mortality table, foreign and insular cities.*

| Cities. | Week ended— | Estimated population. | Total deaths from all causes. | Deaths from— | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Tuberculosis. | Plague. | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
| Aberdeen | Apr. 17 | 181,918 | 61 | | | | | | | | | | | 1 |
| Acapulco | Apr. 24 | 5,000 | 7 | | | | | | | | | | | |
| Aden | Mar. 29 | 43,974 | 16 | 2 | | | | | | | | | | |
| Do | Apr. 5 | 43,974 | 24 | 6 | | | | | | | | | | |
| Aguascalientes | Apr. 25 | 40,000 | 54 | 1 | | | | | 2 | | | | | 2 |
| Amsterdam | Apr. 24 | 566,218 | 178 | 18 | | | | | | | 1 | 2 | 5 | 4 |
| Antwerp | Apr. 10 | 313,921 | 85 | 7 | | | | | | | 3 | | | 3 |
| Athens | Apr. 17 | 241,058 | 81 | 21 | | | | | | | | | | |
| Bahia | Mar. 20 | 265,000 | 112 | 14 | 1 | | 7 | 1 | | | | | | |
| Do | Mar. 27 | 265,000 | 86 | 12 | | | 5 | 1 | | | | | | |
| Barcelona | Apr. 19 | 600,000 | 325 | 20 | | | | 1 | | 7 | | 8 | | |
| Barmen | Apr. 3 | 161,300 | 36 | 5 | | | | | | | | | 2 | |
| Do | Apr. 10 | 161,300 | 40 | 4 | | | | | | | | 1 | 2 | |
| Barranquilla | Mar. 27 | 40,000 | 9 | 1 | | | | | | | | | | |
| Do | Apr. 3 | 40,000 | 13 | 2 | | | | | | | | | | |
| Do | Apr. 10 | 40,000 | 14 | 2 | | | | | | | | | | |
| Basel | do | 131,000 | 41 | 7 | | | | | | | | | 1 | |
| Belfast | do | 386,576 | 200 | 36 | | | | | | | | 1 | | 1 |
| Do | Apr. 17 | 386,576 | 206 | | | | | | | | | | | 2 |
| Belize | Apr. 22 | 9,113 | 3 | | | | | | | | | | | |
| Bergen | Apr. 10 | 87,749 | 16 | 3 | | | | | | | | | | |
| Birmingham | Apr. 17 | 558,336 | 200 | | | | | | | | 3 | | 14 | 9 |
| Bombay | Apr. 6 | 977,822 | 1,039 | 45 | 407 | 14 | | 17 | | | | | 4 | |

*Weekly mortality table, foreign and insular cities*—Continued.

| Cities. | Week ended— | Estimated population. | Total deaths from all causes. | Deaths from— Tuberculosis. | Plague. | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bordeaux | Apr. 10 | 253,000 | 104 | 19 | | | | | | 3 | | | 2 | |
| Do | Apr. 17 | 253,000 | 114 | 11 | | | | | | | | 3 | 4 | |
| Bremen | do | 234,719 | 66 | 9 | | | | | | | | 1 | 1 | |
| Breslau[a] | Feb. 13 | 335,186 | 190 | 28 | | | | | | | 2 | 4 | 1 | 1 |
| Do | Apr. 10 | 335,186 | 202 | 41 | | | | | | | | 2 | | |
| Bristol | Apr. 17 | 377,642 | 114 | 3 | | | | | | | | 1 | 8 | 3 |
| Brussels | do | 704,975 | 161 | 15 | | | | | | | 1 | | 3 | |
| Budapest | Apr. 10 | 804,200 | | | | | | | | 3 | 3 | 4 | 2 | |
| Calcutta | Mar. 27 | 847,796 | 1,110 | 39 | 61 | 143 | | 446 | | | | | 2 | |
| Cartagena | Apr. 11 | 30,000 | 7 | | | | | | | | | | | |
| Ceiba | Apr. 24 | 6,500 | 3 | 1 | | | | | | | | | | |
| Chemnitz | Apr. 10 | 272,488 | 73 | 10 | | | | | | | | 1 | 1 | |
| Christiania | do | 235,000 | 42 | | | | | | | 1 | | 2 | | |
| Do | Apr. 17 | 235,000 | 74 | | | | | | | | 1 | 2 | | 1 |
| Coburg | Apr. 10 | 23,323 | 6 | 1 | | | | | | | | | | |
| Cognac | Apr. 17 | 19,483 | 4 | | | | | | | | | | | |
| Cologne | Apr. 10 | 469,299 | 137 | 18 | | | | | | 1 | 4 | 3 | 1 | 2 |
| Colon | Apr. 18 | 16,000 | 6 | | | | | | | | | | | |
| Constantinople | Apr. 11 | 1,000,000 | 347 | 49 | | | | | | 7 | | | 3 | |
| Copenhagen | Apr. 3 | 447,000 | 154 | 17 | | | | | | | 2 | 1 | 7 | 2 |
| Dalny | Mar. 27 | 35,947 | 28 | 1 | | | | | | | | | | 1 |
| Do | Apr. 3 | 35,947 | 21 | 1 | | | | | | | | | | |
| Dresden | Apr. 10 | 544,700 | 147 | 19 | | | | | | | 1 | 4 | 5 | |
| Dublin | do | 394,525 | 205 | 42 | | | | | | 2 | | 1 | 6 | 7 |
| Do | Apr. 17 | 394,525 | 220 | 43 | | | | | | 1 | 1 | 2 | 6 | 11 |
| Durban | Mar. 27 | 60,244 | 16 | 1 | | | | | | 1 | | | | |
| Edinburgh | Apr. 17 | 355,366 | 122 | 14 | | | | | | | 1 | | | 5 |
| Erfurt[a] | Jan. 2 | 107,445 | 36 | 8 | | | | | | | 2 | 4 | | |
| Do | Jan. 9 | 107,445 | 35 | 4 | | | | | | | 2 | 2 | | |
| Do | Jan. 30 | 107,445 | 30 | 3 | | | | | | | 2 | 1 | 1 | |
| Do | Feb. 13 | 107,445 | 36 | 2 | | | | | | 1 | 2 | | 2 | |
| Do | Apr. 3 | 107,445 | 33 | 2 | | | | | | 3 | 1 | 1 | 3 | |
| Do | Apr. 10 | 107,445 | 38 | 4 | | | | | | 1 | 1 | | 1 | |
| Fiume | Apr. 15 | 50,811 | 39 | 11 | | | | | | | | 2 | | |
| Do | Apr. 21 | 50,811 | 14 | 3 | | | | | | | | | | |
| Flushing | Apr. 17 | 21,208 | 9 | | | | | | | | | | | |
| Frankfort-on-the-Main | Apr. 10 | 363,200 | 105 | | | | | | | | 3 | 3 | 1 | |
| Geneva | do | 118,500 | 43 | | | | | | | | 1 | | | |
| Georgetown[b] | Apr. 3 | 56,000 | 101 | 5 | | | | | | | | 1 | | |
| Ghent | Apr. 10 | 164,579 | 63 | 7 | | | | | | | | | 2 | |
| Gibraltar | Apr. 11 | 26,830 | 7 | | | | | | | | | | | |
| Do | Apr. 18 | 26,830 | 4 | 1 | | | | | | | | | | |
| Glasgow | Apr. 23 | 872,021 | 323 | | | | | | | 4 | 4 | 4 | 1 | 44 |
| Gothenburg | Apr. 17 | 162,417 | 47 | 6 | | | | | | | | 1 | | |
| Greenock | do | 72,300 | 26 | | | | | | | | | | | 4 |
| Guadalajara | Apr. 22 | 125,000 | 120 | | | | | 1 | | 1 | 1 | | | |
| Guayaquil | Apr. 3 | 75,000 | 108 | 6 | 11 | | 18 | | | 3 | | | | |
| Halifax | Apr. 24 | 40,787 | 23 | 4 | | | | | | | | 1 | | |
| Hamburg | Apr. 17 | 872,252 | 252 | 37 | | | | | | | 3 | 2 | 2 | 2 |
| Hamilton, Bermuda | Apr. 26 | 20,206 | 5 | | | | | | | | | | | |
| Hongkong | Mar. 13 | 315,616 | | | 1 | | | 3 | | | | 1 | | |
| Do | Mar. 20 | 315,616 | | | 5 | | | 1 | | | | | | |
| Hull | Apr. 10 | 275,552 | 85 | | | | | | | | | 1 | 1 | 1 |
| Do | Apr. 17 | 275,552 | 66 | | | | | | | | | 1 | 2 | |
| Kobe | Mar. 3 | 380,717 | 147 | | | | | | | | | 2 | | |
| Do | Mar. 27 | 380,717 | 130 | | 1 | | | | | | | 1 | | |
| Königsberg | Apr. 10 | 239,100 | 80 | 9 | | | | | | | | | | |
| Lausanne | do | 60,000 | 21 | | | | | | | | | | | |
| Leeds | Apr. 17 | 484,012 | 164 | 13 | | | | | | 1 | | 1 | 1 | 3 |
| Leipzig | Apr. 10 | 537,686 | 164 | 23 | | | | | | 2 | 2 | 2 | | 1 |
| Leith | Apr. 17 | 85,721 | 14 | | | | | | | | | 1 | | |
| Libau[a] | Jan. 3 | 90,000 | | | | | | | | | 6 | | | |
| Do | Jan. 13 | 90,000 | | | | | | | | | 1 | | | |
| Do | Apr. 11 | 90,000 | | | | | | | | | 10 | | | |
| Do | Apr. 18 | 90,000 | | | | | | | | | 1 | | | |
| Liege | Apr. 3 | 176,334 | 45 | 5 | | | | | | | | | 1 | |
| Liverpool | Apr. 17 | 760,357 | 310 | 23 | | | | | | 3 | 6 | 1 | 29 | 6 |
| Lisbon | Mar. 27 | 406,869 | 188 | 24 | | | | | | 3 | | | 1 | |
| London | Apr. 17 | 4,833,938 | 1,606 | 149 | | | | | | 3 | 9 | 13 | 112 | 53 |

[a] Reported out of date. [b] Total deaths cover two weeks from hospital.

*Weekly mortality table, foreign and insular cities*—Continued.

| Cities. | Week ended— | Estimated population. | Total deaths from all causes. | Deaths from— Tuberculosis. | Plague. | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lübeck | Apr. 17 | 97,000 | 36 | 1 | | | | | | | | | | |
| Lyon | Apr. 10 | 472,114 | 198 | 35 | | | | | | | 1 | 2 | 1 | 1 |
| Madras | Apr. 2 | 509,346 | 335 | | | 3 | | 3 | | | | | 2 | |
| Magdeburg | Apr. 3 | 250,902 | 88 | 6 | | | | | | | 3 | 1 | 1 | |
| Do | Apr. 10 | 250,902 | 79 | 6 | | | | | | | | 1 | | |
| Managua | Apr. 3 | 22,278 | 11 | 1 | | | | | | | | | | |
| Do | Apr. 10 | 22,278 | 7 | | | | | | | | | | | |
| Manchester | Apr. 17 | 631,533 | 257 | 28 | | | | | | 2 | 1 | 5 | 15 | 2 |
| Mannheim | Apr. 3 | 182,482 | 33 | 6 | | | | | | | | 1 | | |
| Manzanillo | Apr. 10 | 1,700 | 3 | | | | | | | | | | | |
| Matamoros | Apr. 24 | 8,000 | 5 | 3 | | | | | | | | | | |
| Mazatlan [a] | Feb. 20 | 22,000 | 16 | | | | | | | | | | | |
| Do | Apr. 10 | 22,000 | 10 | | | | | | | | | | | |
| Do | Apr. 17 | 22,000 | 19 | | | | | | | | | | | |
| Mexico | Mar. 6 | 400,000 | 460 | 26 | | | | 20 | 25 | | 18 | 5 | 6 | 5 |
| Do | Mar. 13 | 400,000 | 438 | 29 | | | | 22 | 28 | | 15 | 7 | 3 | 2 |
| Do | Mar. 20 | 400,000 | 486 | 38 | | | | 25 | 12 | 1 | 15 | 5 | 4 | 2 |
| Do | Mar. 27 | 400,000 | 479 | 32 | | | | 24 | 114 | 2 | 17 | 3 | 4 | 4 |
| Milan | Apr. 4 | 900,000 | 266 | 37 | | | | | | 4 | 3 | | 5 | |
| Monterey | Apr. 25 | 100,000 | 77 | 6 | | | | 8 | | | | | 1 | |
| Montreal | Apr. 24 | 378,856 | 143 | 25 | | | | | | | 4 | 1 | 3 | |
| Moscow | Apr. 3 | 1,335,104 | 812 | 94 | | | | 13 | 10 | 2 | 30 | 5 | 37 | 3 |
| Do | Apr. 10 | 1,335,104 | 820 | 95 | | | | 10 | 6 | 3 | 21 | 10 | 22 | 10 |
| Munich | ...do..... | 566,000 | 235 | 43 | | | | | | | 3 | 1 | 3 | 3 |
| Nagasaki | Apr. 4 | 175,936 | 44 | | | | | | | | | | | |
| Newcastle-on-Tyne | Apr. 17 | 281,584 | 96 | | | | | | | | | 1 | 1 | 1 |
| Niuchwang | Mar. 27 | 60,000 | 12 | | | | | | | | | | | |
| Nottingham | Apr. 10 | 260,000 | 89 | | | | | | | 1 | | | 3 | 4 |
| Nuevo Laredo | Apr. 24 | 8,000 | 7 | 1 | | | | | | 1 | | | | |
| Nuremberg | Mar. 27 | 316,180 | 101 | 18 | | | | | | 1 | | 1 | 1 | 2 |
| Palermo | Apr. 3 | 330,000 | 129 | 9 | | | | | | | | | | |
| Do | Apr. 10 | 330,000 | 127 | 10 | | | | | | | | 1 | | |
| Paris | Apr. 17 | 2,766,394 | 1,016 | 203 | | | | | | 4 | 6 | 7 | 8 | 5 |
| Penang | Mar. 27 | 102,520 | 71 | 16 | | | | 1 | | | | | | |
| Plymouth | Apr. 17 | 124,180 | 39 | | | | | | | | | | 4 | |
| Port Elizabeth | Apr. 3 | 32,959 | 14 | 4 | | | | | | | | | | |
| Prague | ...do..... | 229,571 | 132 | 35 | | | | | | | 1 | 4 | 3 | |
| Queenstown | Apr. 17 | 7,684 | 4 | | | | | | | | | | | |
| Rangoon | Mar. 27 | 252,155 | 190 | 5 | 16 | 4 | | 3 | | | | | | |
| Rotterdam | Apr. 17 | 413,337 | 154 | | | | | | | 1 | 2 | 1 | | |
| Saigon | Mar. 21 | 208,000 | | | | | | 1 | | | | | | |
| St. John, N. B | May 1 | 40,711 | 14 | 1 | | | | | | | | | | |
| St. Stephen, N. B | ...do..... | 2,840 | 2 | | | | | | | | | | | |
| San Feliu de Guixols | Apr. 17 | 11,094 | 3 | 2 | | | | | | | | | | |
| Santa Cruz de Teneriffe | Apr. 10 | 46,000 | 16 | 3 | | | | | | | | | | |
| Santiago de Cuba | Apr. 24 | 53,614 | 12 | 3 | | | | | | | | | | |
| Schiedam | Apr. 10 | 31,568 | 9 | | | | | | | | | | | |
| Do | Apr. 17 | 31,568 | 11 | | | | | | | | | | | |
| Shanghai | Mar. 20 | 550,000 | 120 | 11 | | | | | | | 2 | | | |
| Sheffield | Apr. 3 | 440,000 | 191 | 16 | | | | | | | | 1 | 29 | 1 |
| Do | Apr. 17 | 440,000 | 153 | 11 | | | | | | | | | 27 | 5 |
| Singapore | Mar. 20 | 260,000 | 147 | 21 | 1 | | | | | | | | | |
| Southampton | Apr. 17 | 124,667 | 37 | 4 | | | | | | 2 | | 2 | | |
| South Shields | ...do..... | 117,627 | 29 | 1 | | | | | | | | 1 | | |
| Stettin | Apr. 17 | 230,000 | 78 | 7 | | | | | | | | 4 | | |
| Stockholm | Apr. 3 | 339,582 | 89 | 11 | | | | | | | 3 | 3 | | 3 |
| Sunderland | Apr. 17 | 159,137 | 63 | | | | | | | | | | 5 | 2 |
| Tegucigalpa | Apr. 13 | 24,000 | 5 | | | | | | | | | | | |
| Tientsin | Mar. 27 | 1,000,000 | 3 | 1 | | | | | | | | | | |
| Do | Apr. 3 | 1,000,000 | 8 | 3 | | | | | | | | | | 1 |
| Trieste | ...do..... | 217,706 | 123 | | | | | | | | | | 1 | |
| Do | Apr. 10 | 217,706 | 95 | | | | | | | | | | 2 | |
| Toronto | Mar. 6 | 272,600 | 96 | | | | | | | 1 | 1 | 5 | | |
| Do | Mar. 13 | 272,600 | 98 | | | | | | | | 2 | 4 | | |
| Do | Mar. 20 | 272,600 | 126 | | | | | | | 2 | 3 | 2 | | |
| Do | Mar. 27 | 272,600 | 99 | | | | | | | 1 | 1 | 4 | | |
| Do | Apr. 3 | 272,600 | 118 | | | | | | | 3 | | 3 | | |
| Do | Apr. 10 | 272,600 | 100 | | | | | | | 2 | | 3 | | |
| Do | Apr. 17 | 272,600 | 110 | | | | | | | 2 | 2 | 5 | | |
| Do | Apr. 24 | 272,600 | 116 | | | | | | | 2 | 2 | 3 | | |
| Turin | Apr. 16 | 381,439 | 183 | 16 | | | | | | 1 | | | 1 | |

[a] Reported out of date.

*Weekly mortality table, foreign and insular cities*—Continued.

| Cities. | Week ended— | Estimated population. | Total deaths from all causes. | Deaths from— | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Tuberculosis. | Plague. | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
| Venice | Mar. 27 | 179,286 | 75 | 8 | | | | | | | | 3 | | |
| Do | Apr. 3 | 179,286 | 65 | 4 | | | | | | | | | | 1 |
| Do | Apr. 10 | 179,286 | 74 | 7 | | | | | | | | 2 | 1 | |
| Vevey | do | 14,500 | 8 | | | | | | | | | | | |
| Victoria, B. C. | Apr. 24 | 30,000 | 8 | | | | | | | | | | | |
| Vienna | Apr. 17 | 2,064,037 | 767 | 128 | | | | | | | 6 | 11 | 13 | 5 |
| Vigo | do | 40,000 | 6 | 1 | | | | | | | | | | |
| Warsaw | Feb. 13 | 751,595 | 312 | 79 | | | | 2 | | | 8 | 1 | 12 | |
| West Hartlepool | Apr. 17 | 66,750 | 17 | | | | | | | | | | | |
| Winnipeg | Apr. 24 | 118,000 | 23 | | | | | | | 1 | | | | |
| Zanzibar | Mar. 31 | 70,000 | 21 | 4 | | | | | | | | | | |

By authority of the Secretary of the Treasury:

WALTER WYMAN,
*Surgeon-General,*
*United States Public Health and Marine-Hospital Service.*